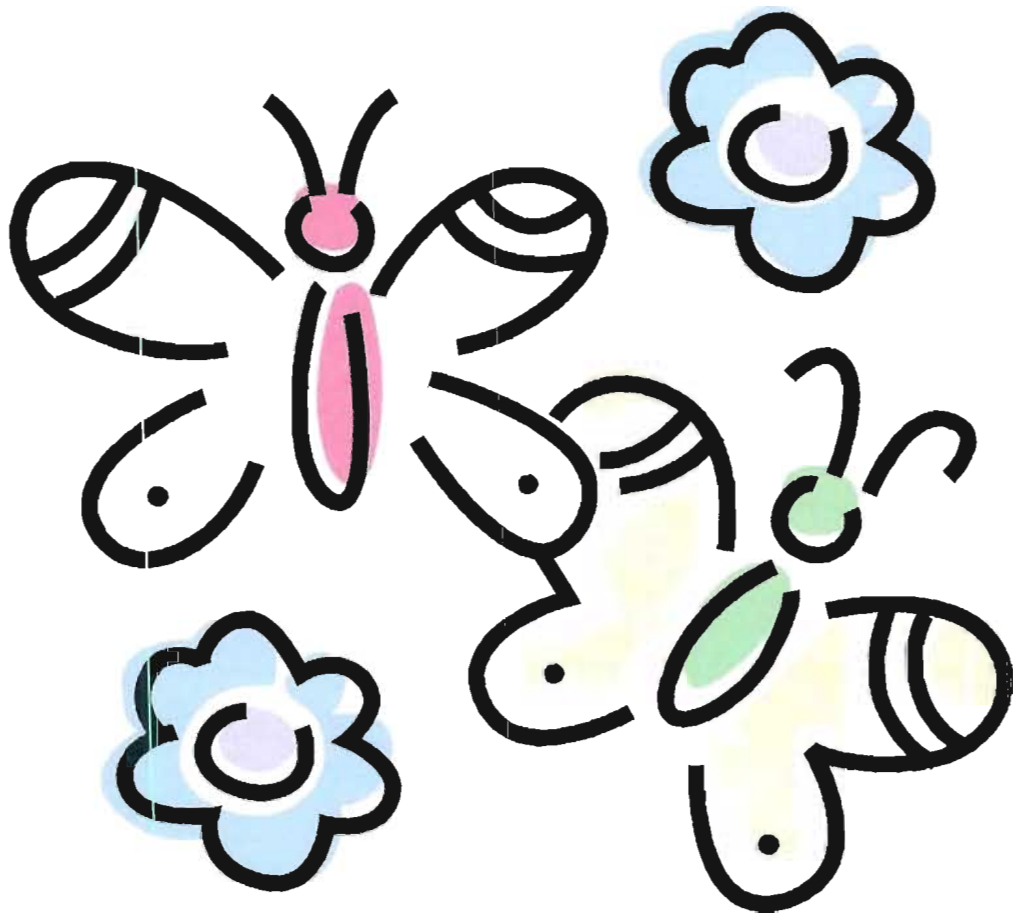
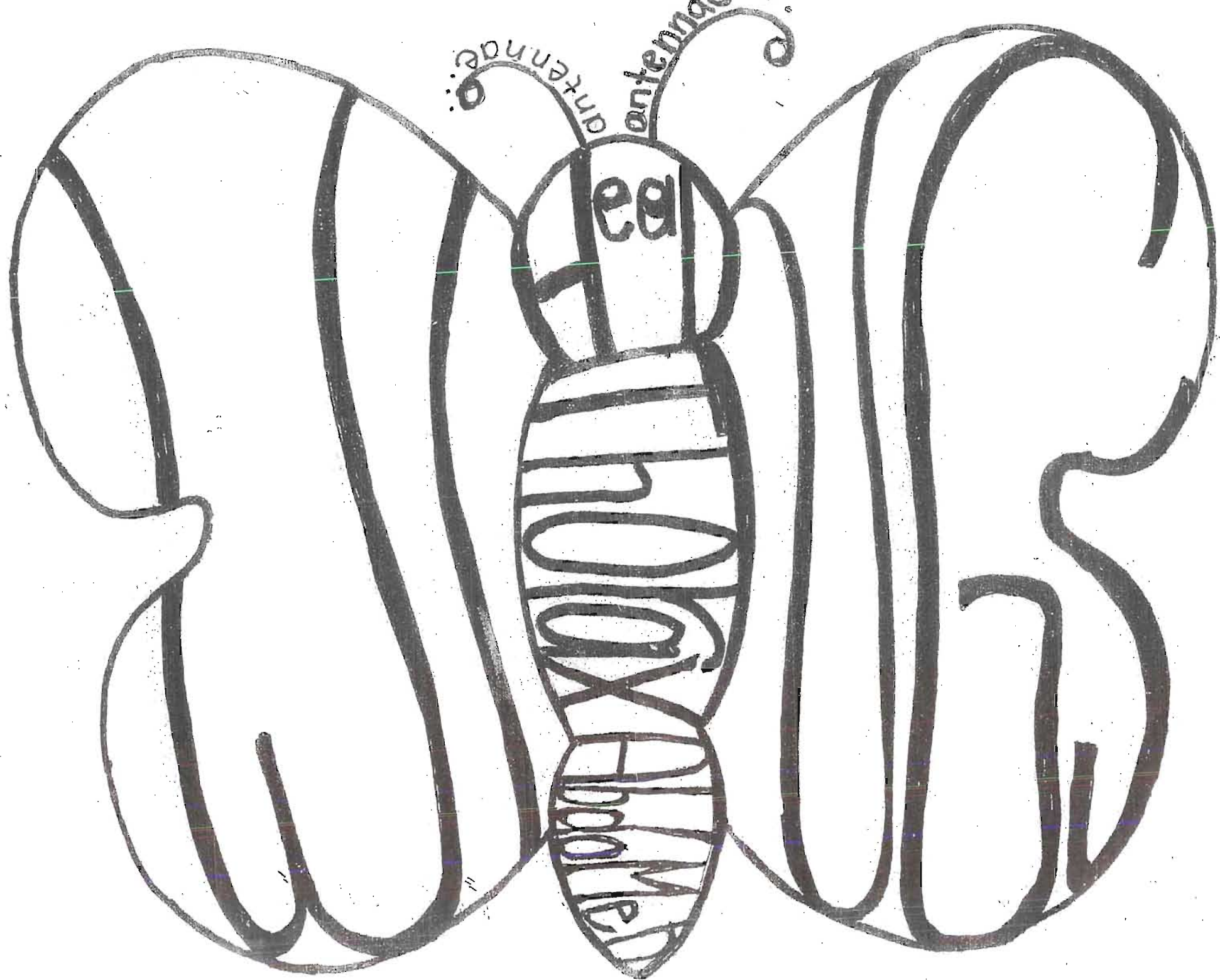
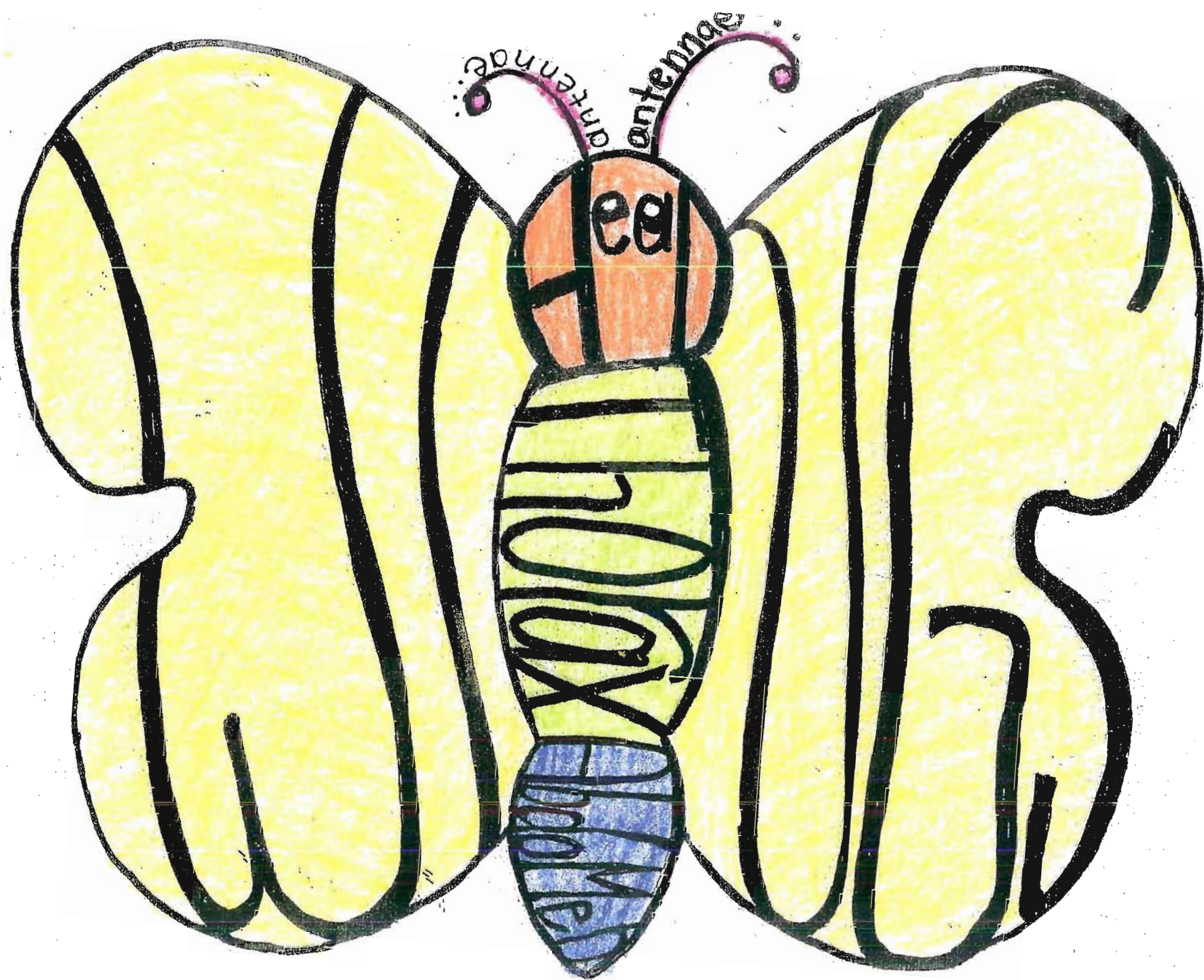


Butterfly Etc.

Art, Activities,
Games & Songs







Thesaurus Thorax

- Run off the butterfly template on a variety of colored paper.
- Children choose a color and CUT out their butterfly.
- Run off the blank thorax masters for older children.
- Older children alphabetize the words and write their definitions one per page.
- There are 17 words, if you want them to define them all, one per page you need 9 double-thoraxes.
- Children cut them out. (These can be pre-cut for little ones. Older students can fold over and cut 4 at a time.)
- Glue the back of the “Cover” thorax to the middle of the butterfly.
- Older students bring you their thorax’s. You put 3 staples down the center of the fold.
- After gluing it down, put a brad to the side of the butterfly, loop a pony tail holder or rubber band around it.
- Put another brad in the cover. Connect the rubber band to the cover to keep the book shut.
- If you want to for-go this step, simply paperclip the book shut.
- To add a finishing touch you can glue large wiggle eyes to the head.
- Students could also punch 2 holes in the last page, slip a pipe cleaner through both holes, then staple in place, curl the ends around a pencil to make antennae.
- This portion is pre-cut and assembled for my Y5’s, by an At-Home Helper.
- My goal with them is the cutting skill of the butterfly and gluing their thorax thesaurus to the middle, as well as learning the vocabulary. By taking it home in a booklet form, I’m able to ask parents to reinforce lessons at home.
- You can pick and choose what vocabulary to want to teach.
- My Y5’s are familiar with all of these. For our science report card standard they define, butterfly, caterpillar, chrysalis, metamorphosis and proboscis.
- They easily learn the body parts of the butterfly by playing games and doing the centers and art projects.
- Science vocabulary is always the “magic words” that I have the children use, when I’m doing a magic trick. If they mispronounce the word, the trick doesn’t work so we have to practice saying it correctly.
- **TIP**: Another way I reinforce vocabulary is via roll call when I take attendance. Instead of saying: “Here!” I have children say a science word like proboscis! They really enjoy this change of pace.

ar·thro·pod

ar·thro·pod [ˈɑːrθrə pɒd]
(plural ar·thro·pods)
n

pro·bos·cis

pro·bos·cis [prə ˈbɒssɪs, prə ˈbɒs kɪs]
(plural pro·bos·cis·es or pro·bos·ci·des [prə ˈbɒsɪ deɪz])
n

ex·o·skel·e·ton

ex·o·skel·e·ton [ˈeksə skɛlətən]
(plural ex·o·skel·e·tons)
n

egg

egg [eg]
n

in·sect

in·sect [ɪn sɛkt]
(plural in·sects)
n

lar·va

lar·va [ˈlɑːrvə]
(plural lar·vae [ˈlɑːrveɪ])
n

lep·i·dop·ter·a

lep·i·dop·ter·a [ˈlɛpɪ dɒptərən]
(plural lep·i·dop·ter·ans)
n

tho·rax

tho·rax [ˈθɔː ræks]
(plural tho·rax·es or tho·ra·ces [ˈθɔː ræ sɛz, ˈθɔːrə sɛz])
n

Thorax Thesaurus

but·ter·fly

but·ter·fly [ˈbʊtər flɪ]
n (plural but·ter·flies)

in·ver·te·brate

in·ver·te·brate [ɪn vɜːtəbrət, ɪn vɜːtə brəɪt]
n (plural in·ver·te·brates)

moth

moth [maʊθ]
(plural moths)
n

cat·er·pil·lar

cat·er·pil·lar [ˈkætər pɪlɹ]
(plural cat·er·pil·lars)

ab·do·men

ab·do·men [ˈæbdəmən]
(plural ab·do·mens)
n

pu·pa

pu·pa [ˈpyʊpə]
(plural pu·pae [ˈpyʊ pɛɛ] or pu·pas)
n

an·ten·na

an·ten·na [ən tenna]
(plural an·ten·nae [ən tɛnɛɛ] or an·ten·nas)

met·a·mor·pho·sis

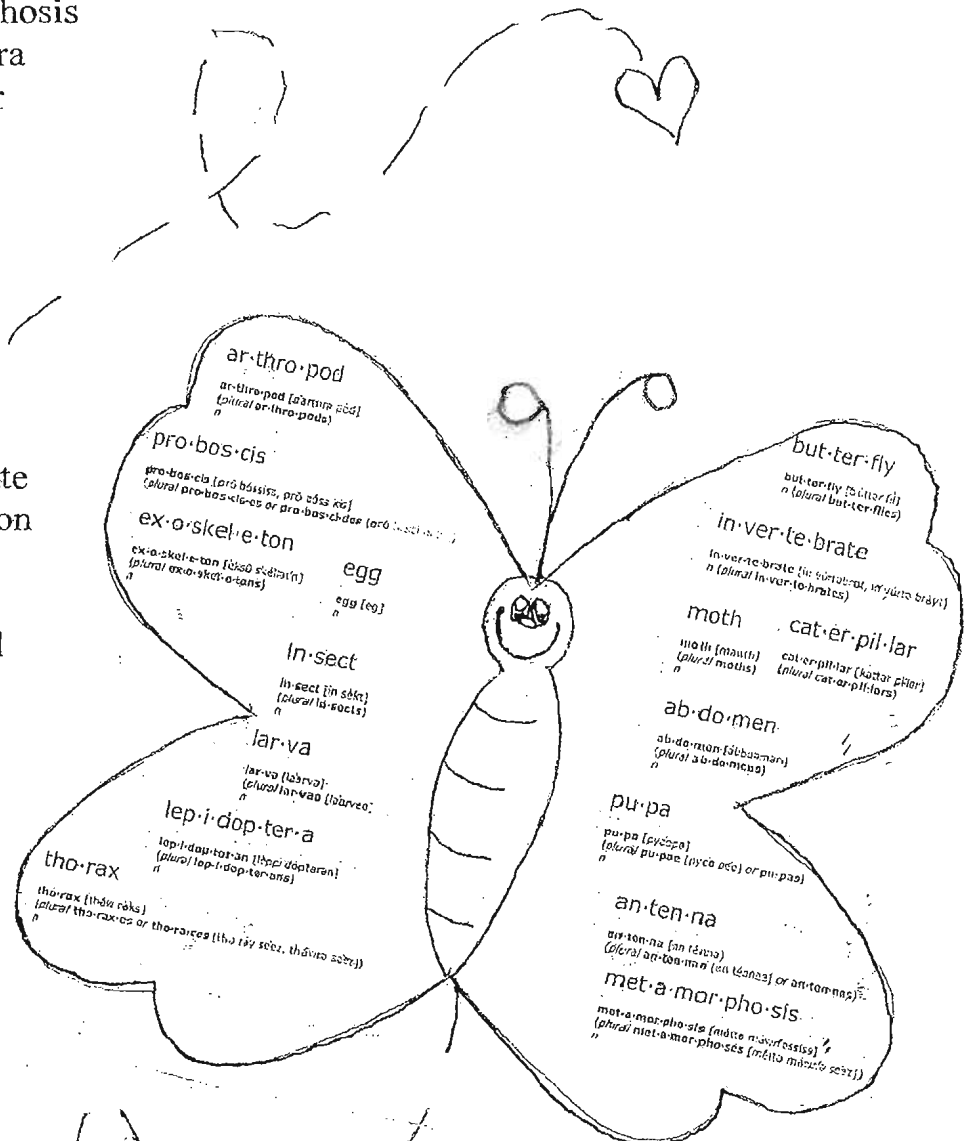
met·a·mor·pho·sis [ˈmɛtə məʊrfəssɪs]
(plural met·a·mor·pho·ses [ˈmɛtə məʊrfə sɛz])
n

Thorax Thesaurus

Directions:

- Using a dictionary, look up these science-vocabulary words.
- Put them in alphabetical order.
- Write the word at the top of the page.
- Use one page for each word.
- Write the definition under the word.

1. Metamorphosis
2. Lepidoptera
3. Caterpillar
4. Proboscis
5. Butterfly
6. Larva
7. Moth
8. Egg
9. Thorax
10. Pupa
11. Insect
12. Invertebrate
13. Exoskeleton
14. Abdomen
15. Chrysalis
16. Arthropod
17. Antennae



ar·thro·pod

ar·thro·pod [áárthra pód]
(plural ar·thro·pods)
n

pro·bos·cis

pro·bos·cis [prō bóssiss, prō bóss kis]
(plural pro·bos·cis·es or pro·bos·ci·des [prō bóssi déez])

ex·o·skel·e·ton

ex·o·skel·e·ton [èksō skéllət'n]
(plural ex·o·skel·e·tons)
n

egg

egg [eg]
n

in·sect

in·sect [in sèkt]
(plural in·sects)
n

lar·va

lar·va [lárva]
(plural lar·vae [lárvee])
n

lep·i·dop·ter·a

lep·i·dop·ter·an [lèppi dóptərən]
(plural lep·i·dop·ter·ans)
n

tho·rax

tho·rax [tháw ràks]
(plural tho·rax·es or tho·ra·ces [thə ráy séez, tháwrə séez])
n

but·ter·fly

but·ter·fly [búttər flí]
n (plural but·ter·flies)

in·ver·te·brate

in·ver·te·brate [in vúrtəbrət, in vúrtə brəyt]
n (plural in·ver·te·brates)

moth

moth [mawth]
(plural moths)
n

cat·er·pil·lar

cat·er·pil·lar [kattər píl·lər]
(plural cat·er·pil·lars)

ab·do·men

ab·do·men [ábbdəmən]
(plural ab·do·mens)
n

pu·pa

pu·pa [pyóopə]
(plural pu·pae [pyóó pèe] or pu·pas)
n

an·ten·na

an·ten·na [an ténnə]
(plural an·ten·nae [an ténnée] or an·ten·nas)

met·a·mor·pho·sis

met·a·mor·pho·sis [mètta máwrfəssiss]
(plural met·a·mor·pho·ses [mètta máwrfə séez])
n

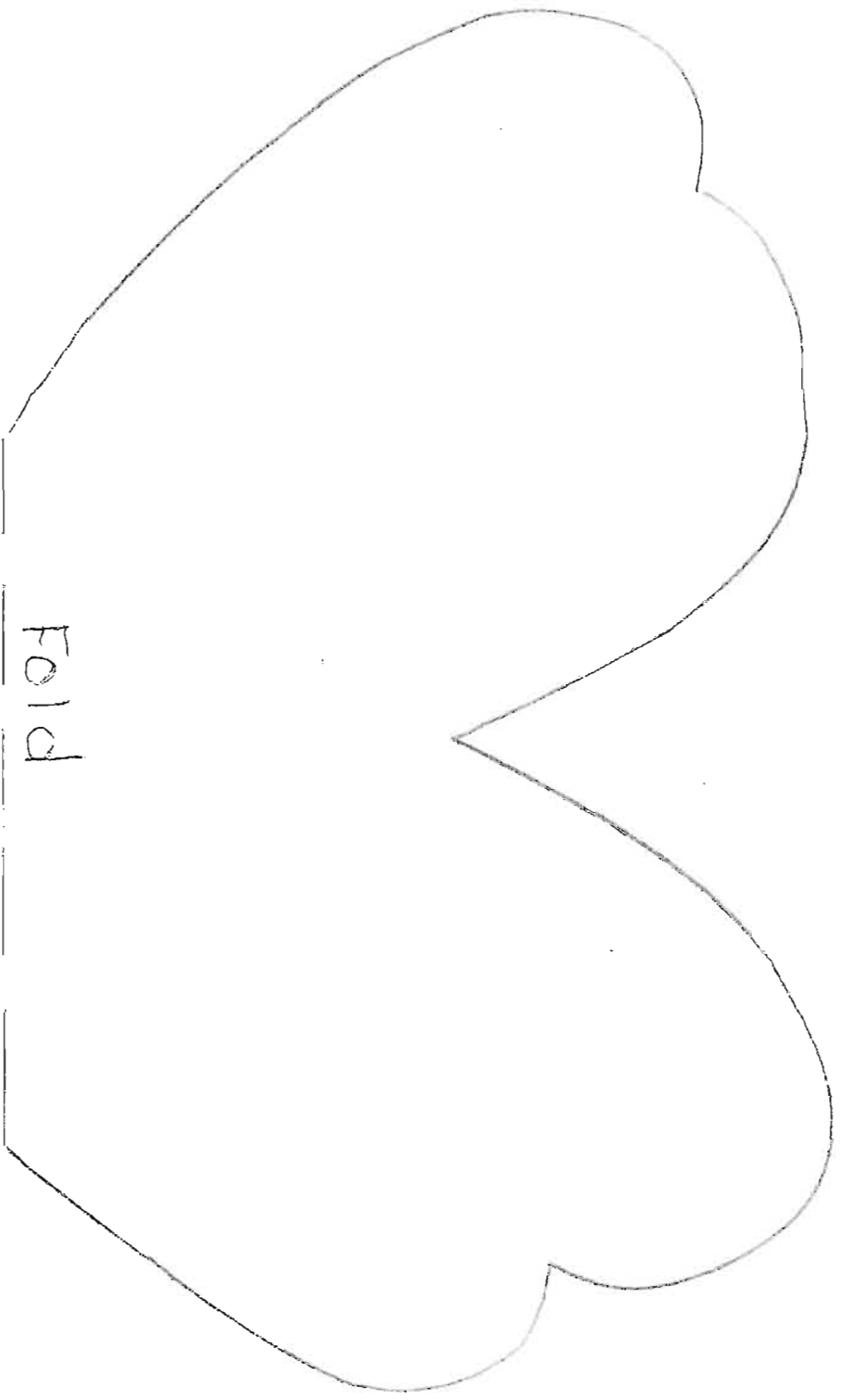
Thorax Thesaurus

Fold

#1 Glue →
this to
the front
of butterfly
Put glue on
X-side

↑
Cover

Blank Cover



← Fold

Abdomen

The rear part
of an insect.
It's the elongated
portion of the
body,
located behind
the thorax.
It's usually
segmented.

Antennae

A thin movable
sensory organ
found in pairs
on insects

Arthropod

An invertebrate
animal that has
jointed limbs, a
segmented body,
and an
exoskeleton
made of chitin.
Insects,
arachnids,
centipedes,
and crustaceans
are arthropods.

Butterfly

An insect
with two pairs
of brightly-colored
wings.
It develops
from a
caterpillar.

Caterpillar

The worm-like
larva
of a butterfly
or moth.
It has a
long soft
body,
many short legs,
and is often
brightly colored.

Chrysalis

An insect
at the stage
of changing
from larva
to adult,
during which
it is inactive
and enclosed
in a hard case
called a chrysalis.

↑ Glue the
back of this
to "Egg"
page & so on.

↑ Glue the
back of
this to
the inside
of cover.

↑ Fold

Egg

A large cell produced by birds, fish, reptiles, amphibians and insects.

Enclosed in a protective covering that allows it to continue to develop outside the mother's body 'til it hatches.

Exoskeleton

A hard protective covering on the outside of many insects, that provides support and protection.

Insect

A six-legged animal that has well-defined segments, including a head, thorax, abdomen, two antennae, 3 pairs of legs and 2 sets of wings.

Invertebrate

An animal without a backbone like an insect.

Larva

An immature Insect. This is the wingless worm-shaped form that develops into a chrysalis before becoming an adult insect.

Lepidoptera

The scientific name
for a butterfly
or moth.

Metamorphosis

A complete
or marked
change
in the form
of an
animal
as it develops
into an adult.

Moth

A night-flying
insect
that resembles
the butterfly.

Proboscis

The long,
straw-like
mouthpart
of a butterfly,
used to suck
nectar
from a flower.

Pupa

The developing
insect
inside a
chrysalis.
This is the stage
between a larva
and an adult.

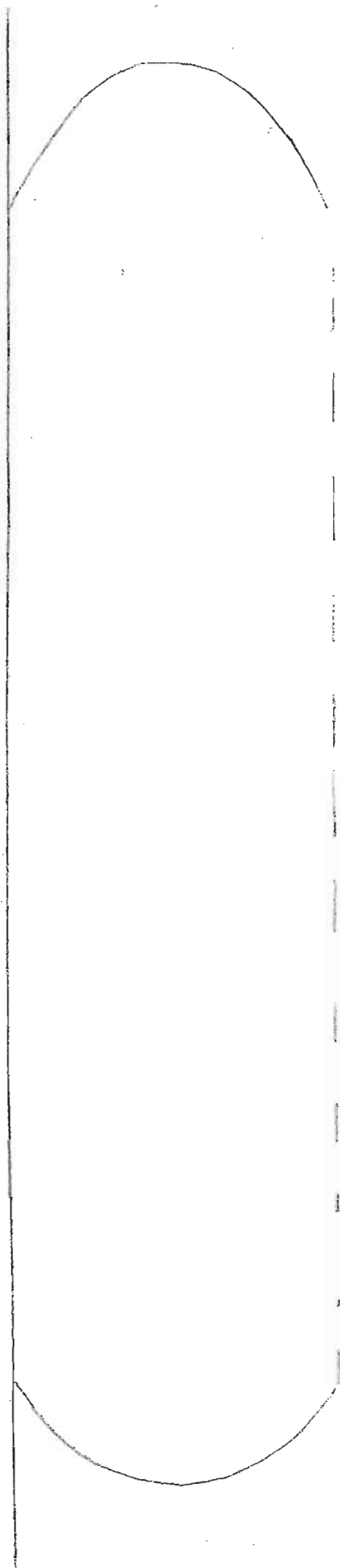
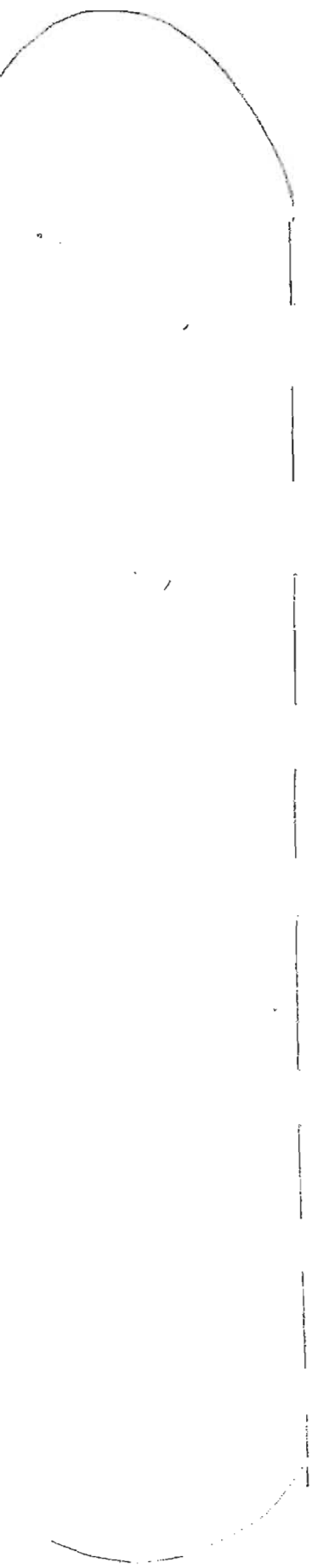
Thorax

In zoology
the part between
the head and the
abdomen,
the middle
division of the
body of an insect.

Last step is
glued to
step #1.

↑
Glue the
back of
this down
on top of
Right Side
thorax of
cover page

↑
P102



Horizontal and Vertical - Crinkled Butterflies:

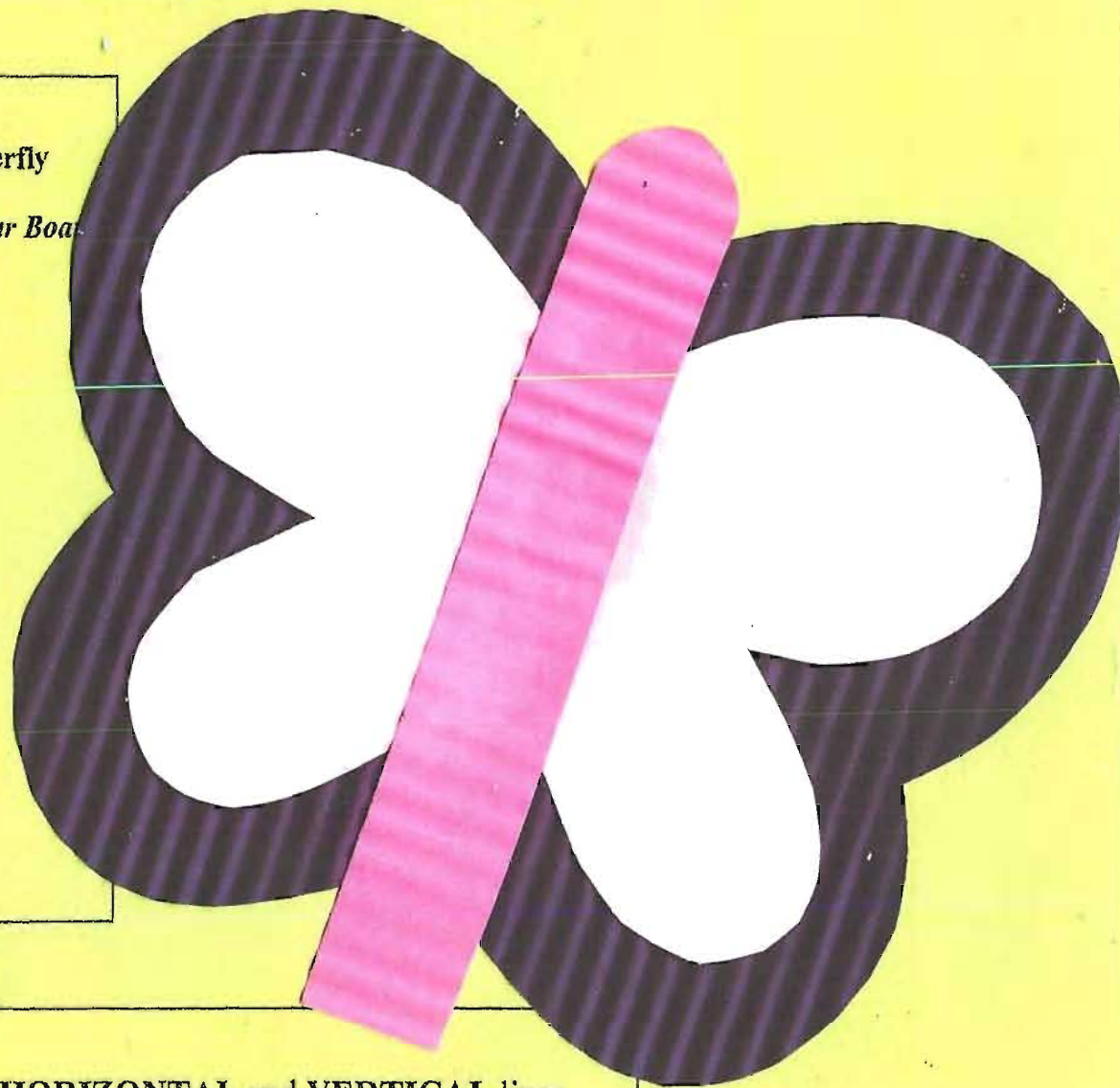
- Another piece of craft equipment that I use every month is a “crinkle” machine. They retail for \$18-\$20 at all major craft stores. Again, purchase these more expensive things with the half-off coupons they run every week.
- Two metal rollers press paper together so that it comes out looking like corrugated cardboard!
- This is an awesome fine-motor skill that my students love! They have nicknamed the machine the “Cruncher-Muncher”.
- I hold the machine and insert their butterfly (or whatever themed shape we are studying) into the machine. (We “crunch” apples, spiders, leaves, pumpkins etc.)
- They crank the handle towards them, ‘til their paper shape comes out the front.
- You could use die cuts for these projects, but I prefer the children to have cutting practice.
- Because they are cutting out 2 butterflies so we can 3-D the wings, I make this a folded butterfly-cutting skill.
- Run off enough butterflies on colored construction paper, so that each child has two.
- Children should choose two DIFFERENT colors so that the horizontal and vertical lines are easily distinguished.
- Have a helper fold them for little ones.
- Once they’ve cut their shape out, they bring it to me and I work-one-on-one with them to run it through Mr. Cruncher-Muncher.
- I teach the children about HORIZONTAL and VERTICAL lines with this project. One of the butterflies goes in horizontally the other vertically.
- Children rub their finger down the centers of the butterflies to smooth out that section.
- Using a glue stick, children run a stripe of glue down the center of their butterfly and gently press the other butterfly on top, folding the wings up.
- You can leave the butterfly as is, or you can reinforce the vocabulary word THORAX and have them add a contrasting colored thorax to the center.
- Because there’s already enough cutting, I pre-cut these for the students.
- These are 6 inches long by ½ an inch wide.
- Run this strip through the machine as well.
- Round the top end off.
- Glue down the middle, gently pressing in only a few spots.
- Run off copies of the Vertical-Horizontal master on colored construction paper.
- Children run another glue stripe down the back of their butterfly and gently press it “kittywampus” in the corner.

V E R T I C A L

My Horizontal-Vertical Butterfly
By Diane L. Flohr
To the tune of *Row Row Row Your Boat*

Hor-i-zon-tal shape
On my butterfly
Crunchily
Crunchily
Munchily
Munchily
Bumpy by and by.

Ver-ti-cal it is
On my butterfly
Crunchily
Crunchily
Munchily
Munchily
Bumpy by and by.



We are studying **HORIZONTAL** and **VERTICAL** lines.
Ask me to tell you which is which on my butterfly.
Can you guess how I made it?
Won't you sing this song with me?

HORIZONTAL



**V
E
R
T
I
C
A
L**

My Horizontal-Vertical Butterfly
By Diane L. Flohr
To the tune of *Row Row Row Your Boat*

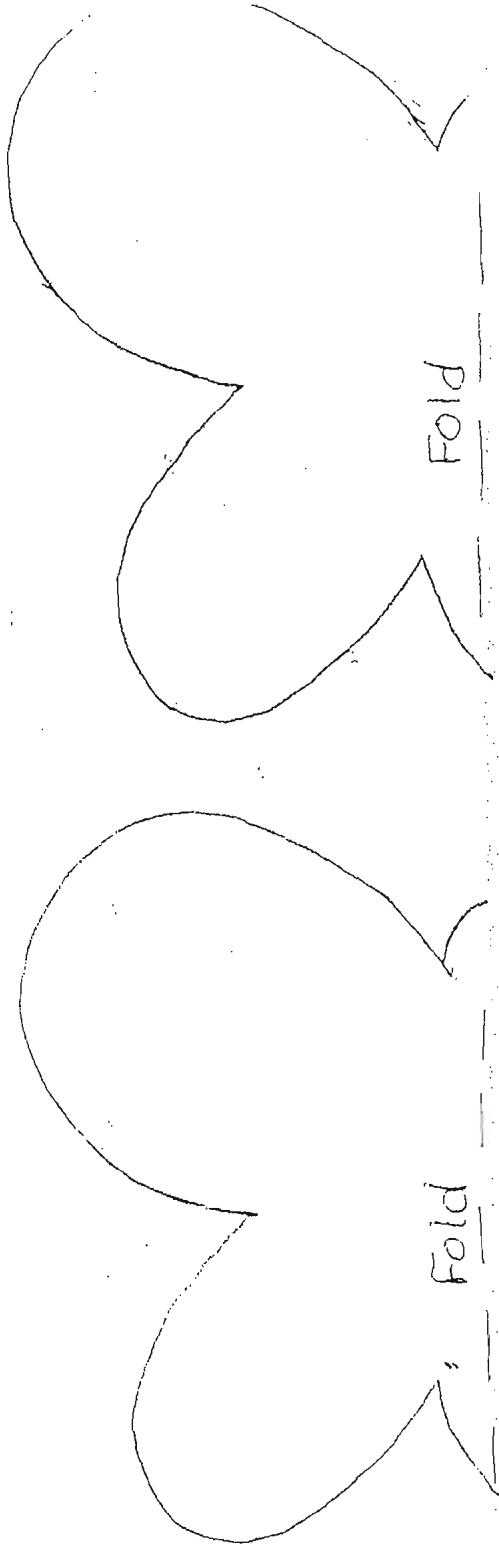
Hor-i-zon-tal shape
On my butterfly
Crunchily
Crunchily
Munchily
Munchily
Bumpy by and by.

Ver-ti-cal it is
On my butterfly
Crunchily
Crunchily
Munchily
Munchily
Bumpy by and by.

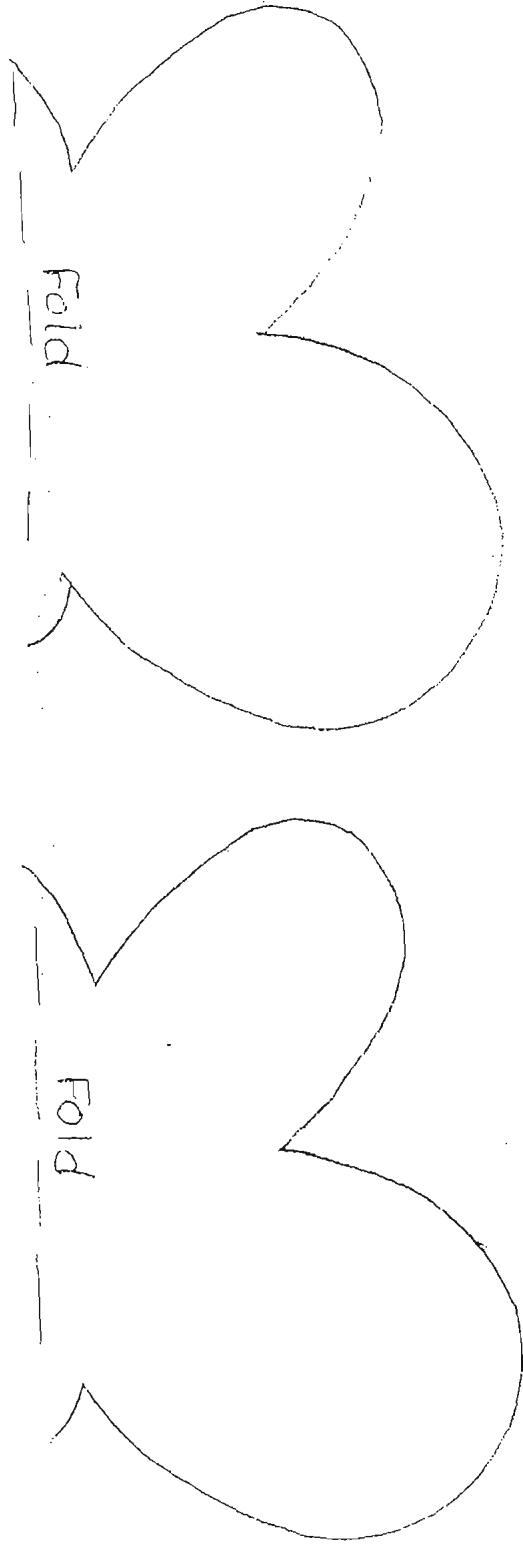
We are studying **HORIZONTAL** and **VERTICAL** lines.
Ask me to tell you which is which on my butterfly.
Can you guess how I made it?
Won't you sing this song with me?

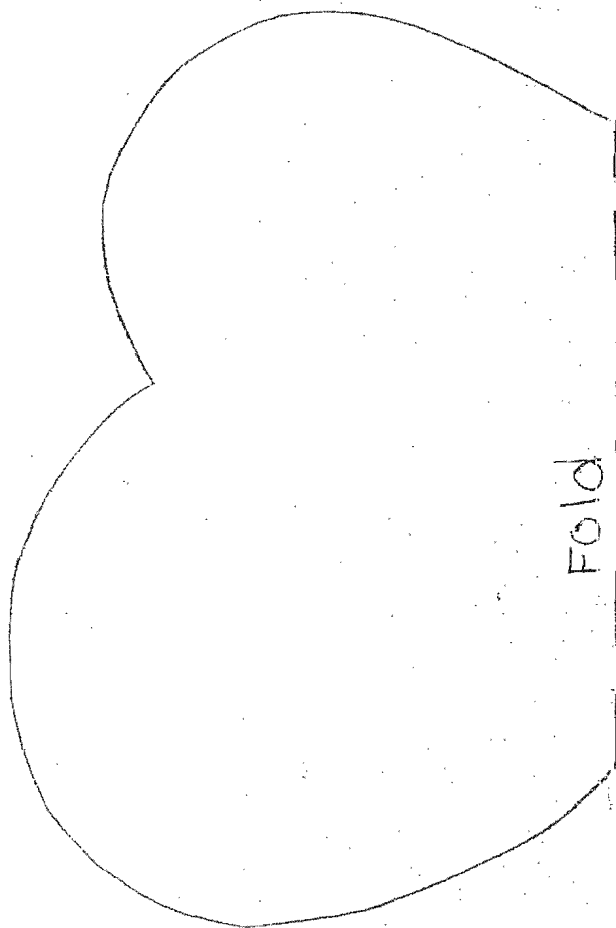
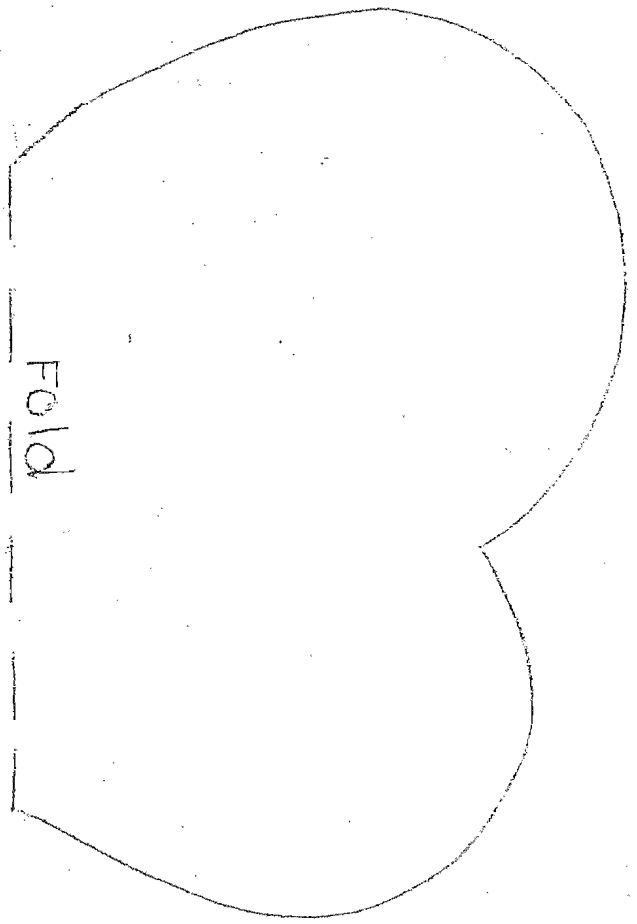


HORIZONTAL



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Mr. Cruncher - Mfuncher

A must-have

fun
teaching
tool ☺



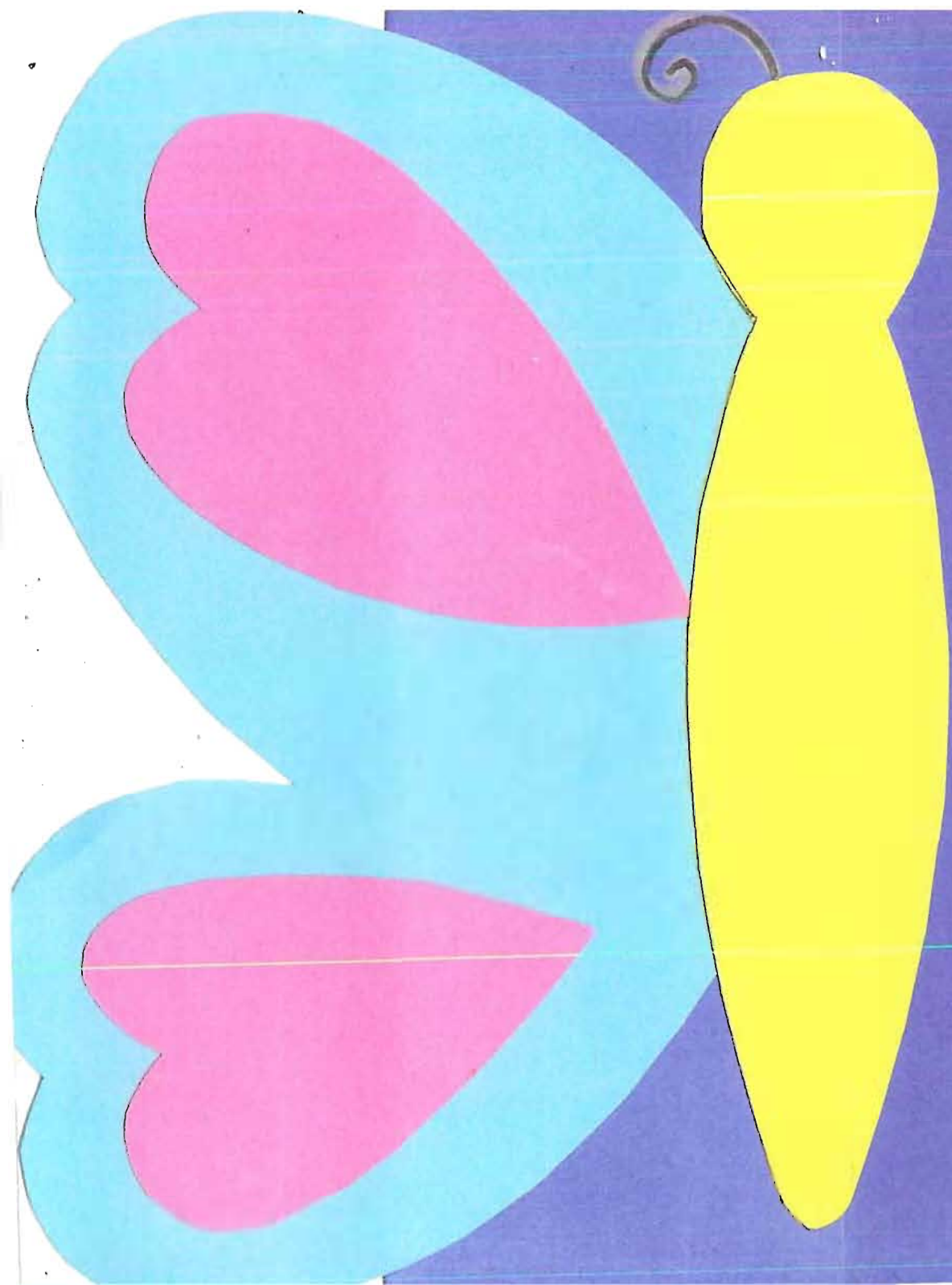
Butterfly Writing Flip Card

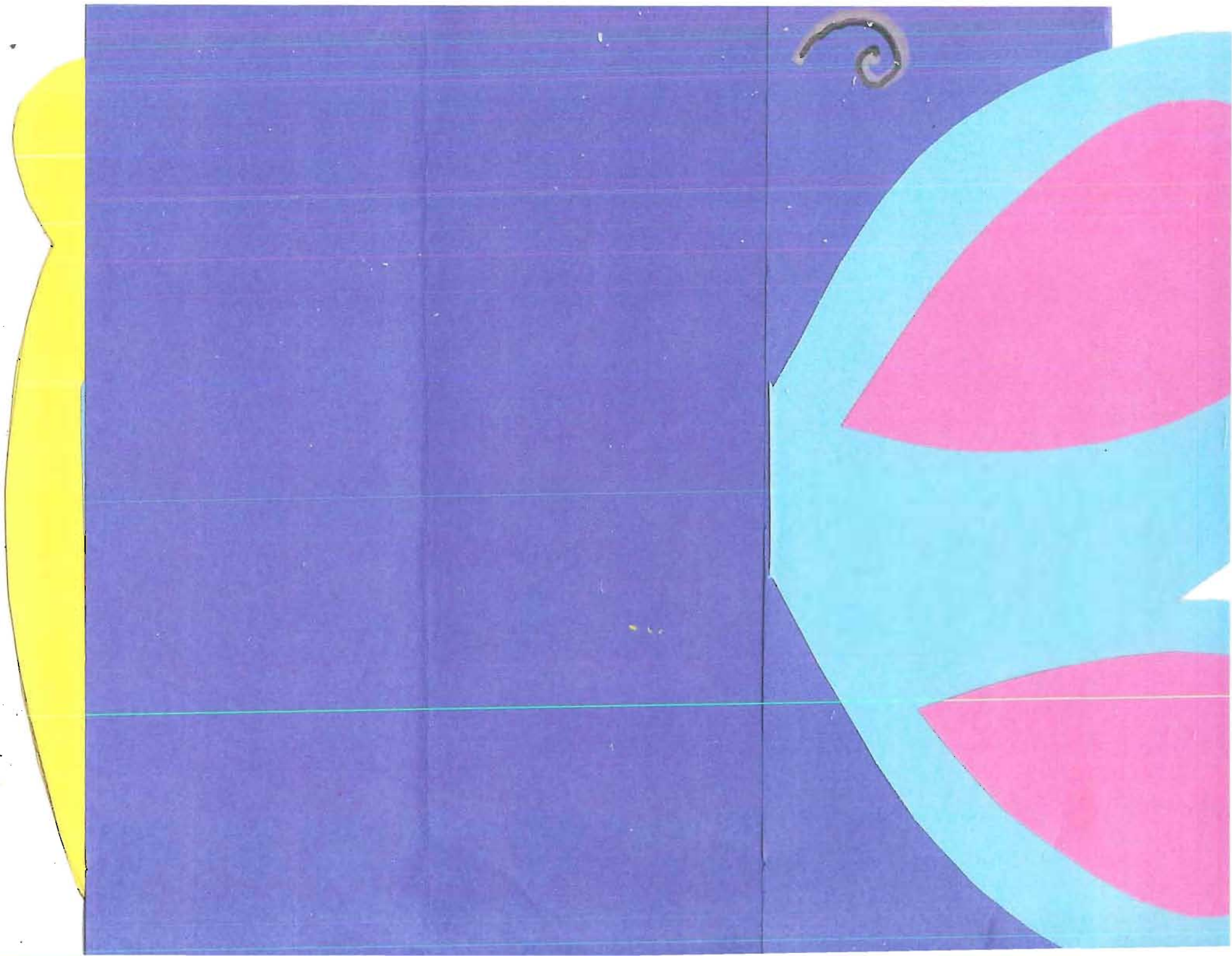
- To make writing more fun for the children, I design interesting stationery for them to write on.
- Sometimes it's simply a drawing or a die cut. In this case the butterfly's wings lent themselves to an interesting flip card.
- Older students can write butterfly facts inside or perhaps write a butterfly poem.
- Younger students can cut out life cycle cards, science facts or a song that they sing and glue it inside.
- Run off the masters on construction paper.
- Pre-fold the card portion for younger students.
- Children cut out their pieces and glue them to the card.

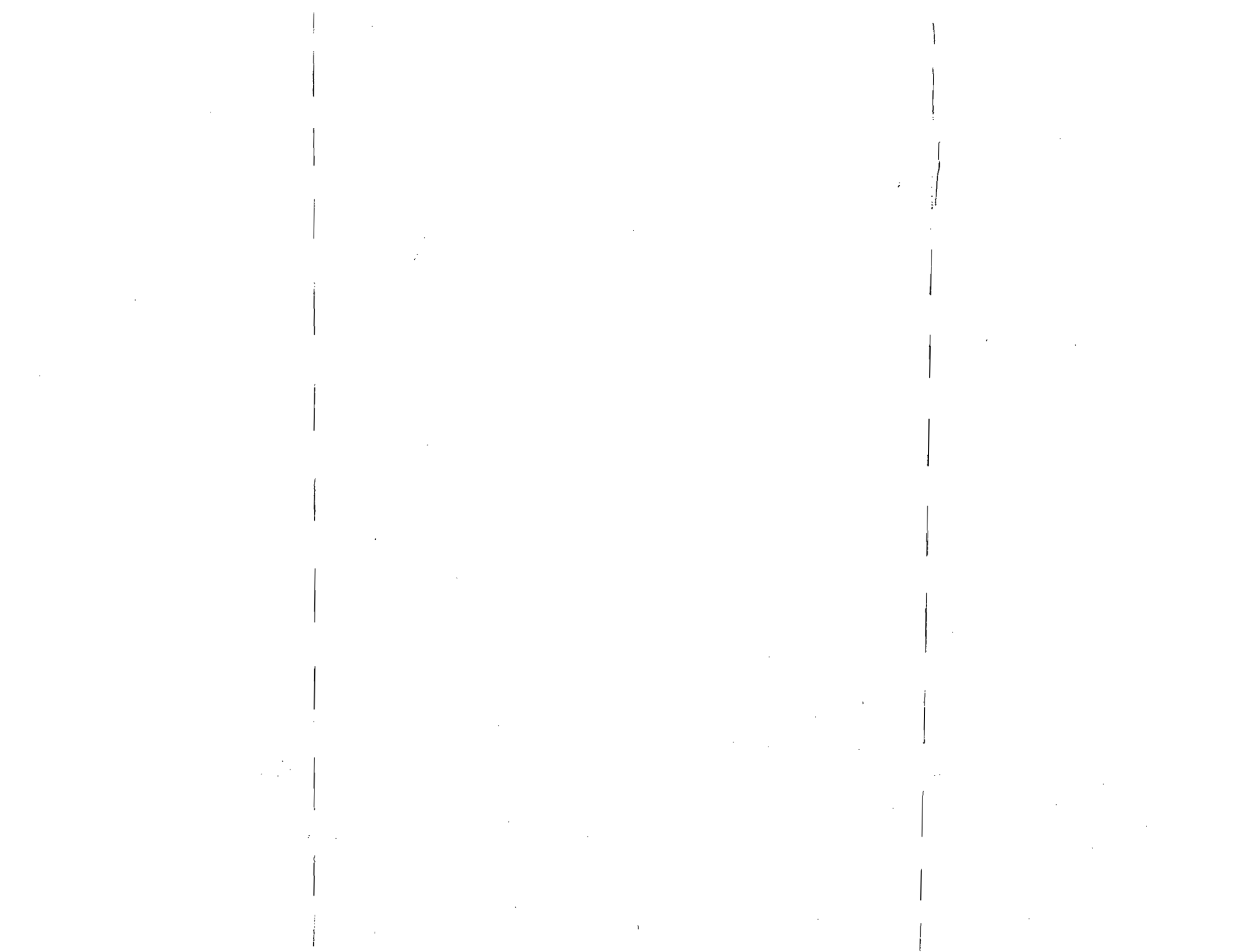


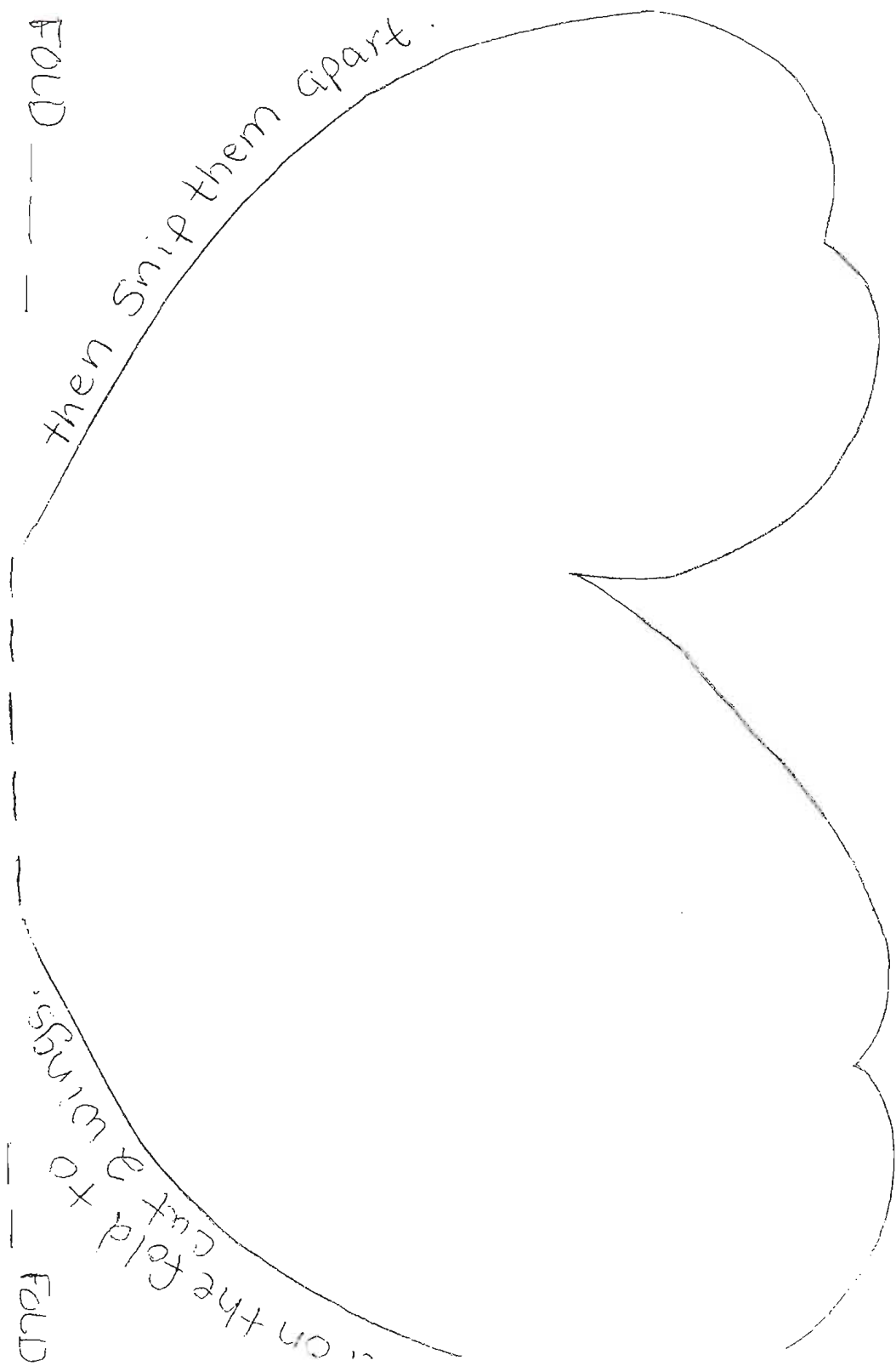
**Paper Love Paper Love
Paper Love**









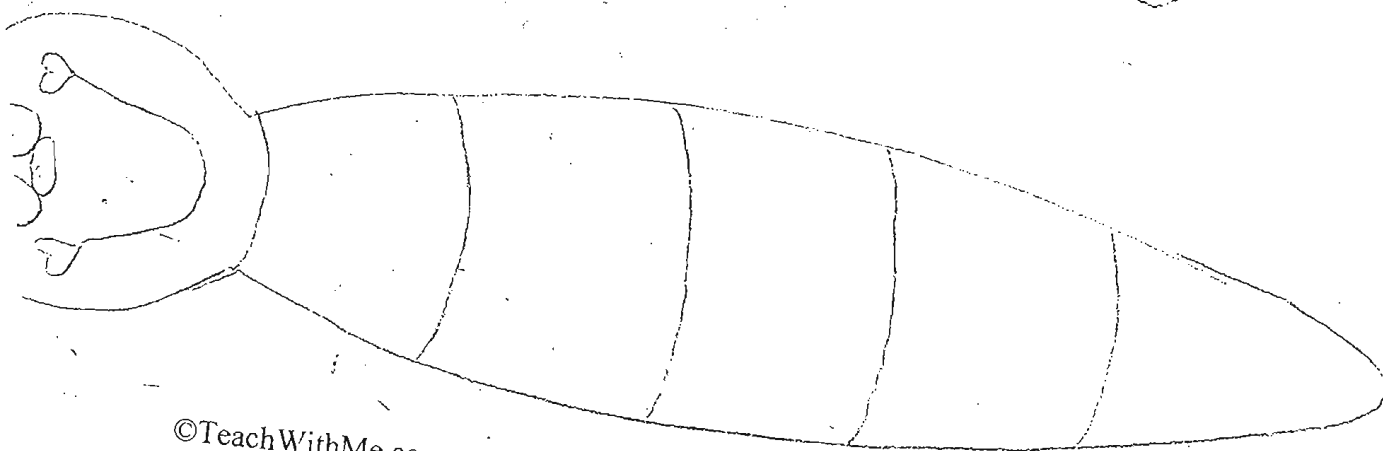
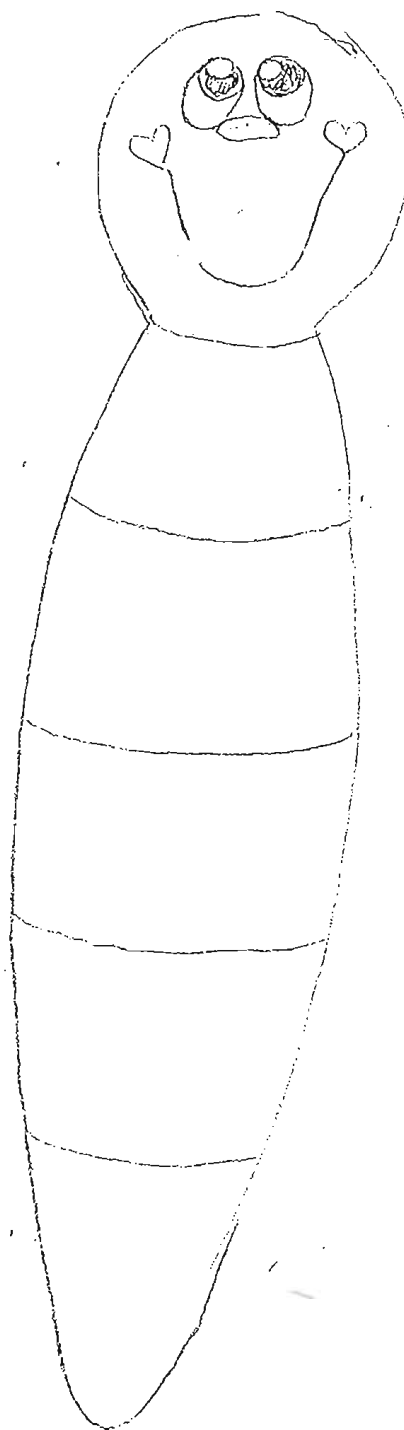
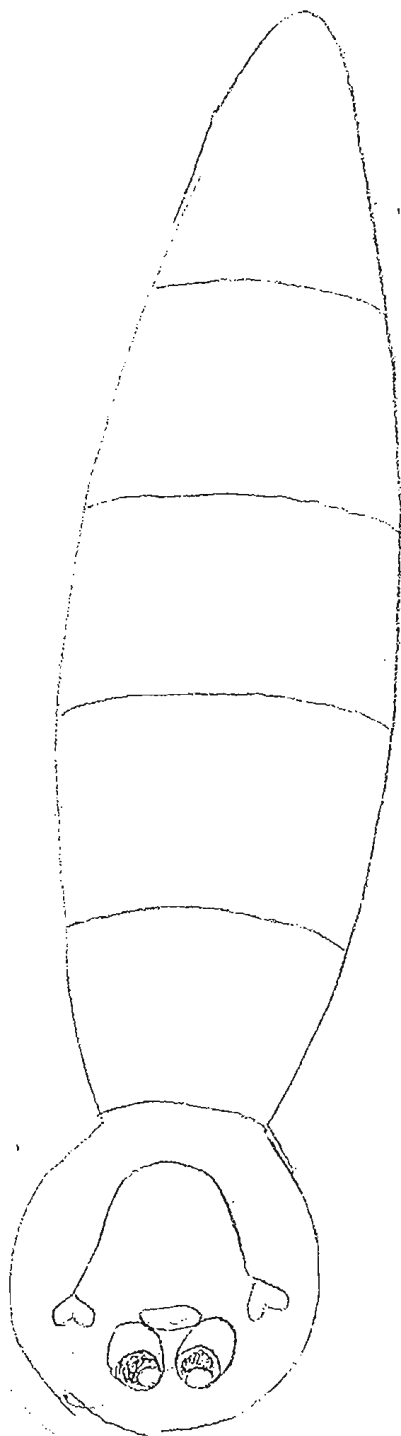
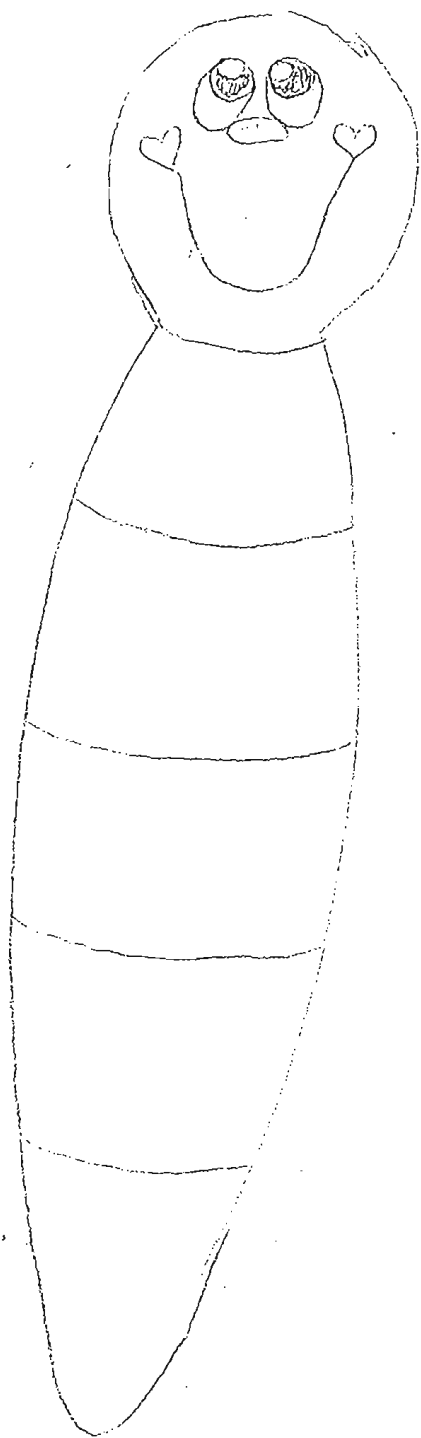


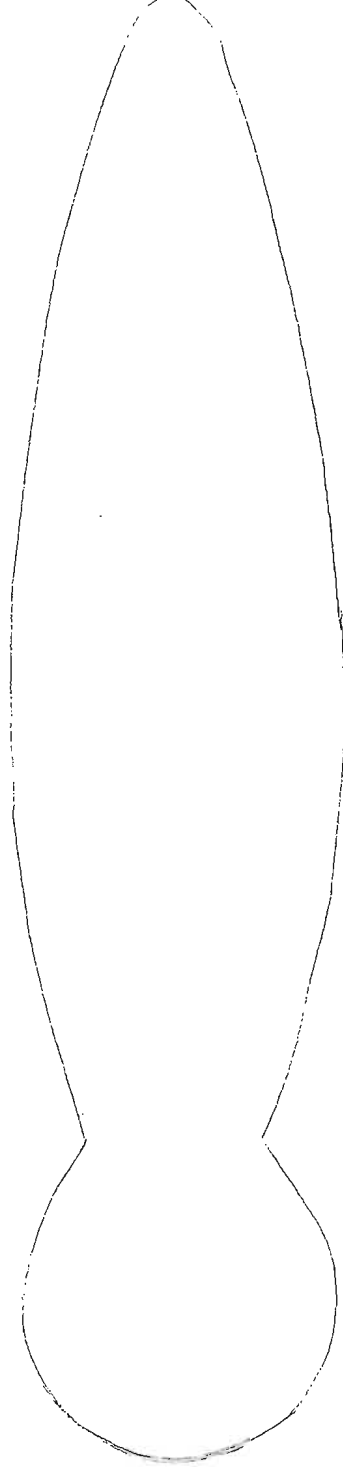
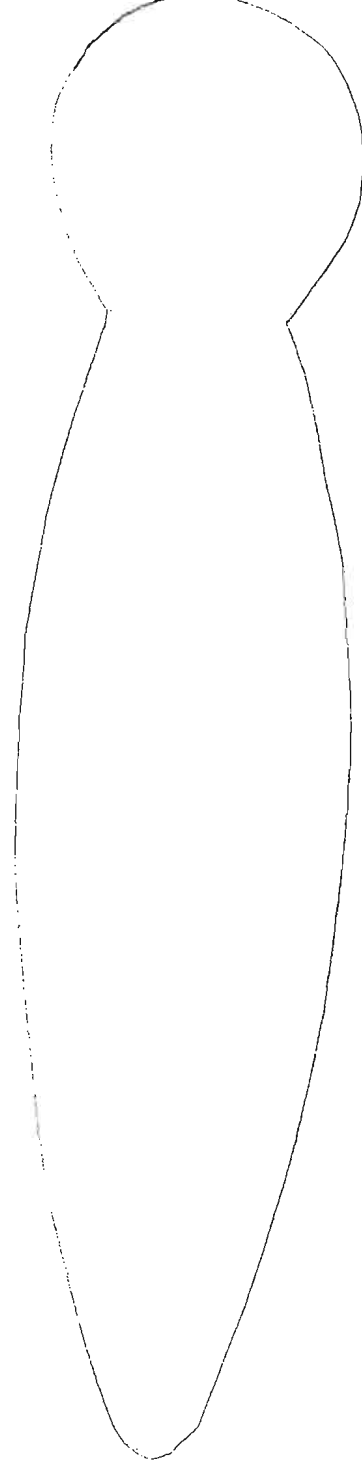
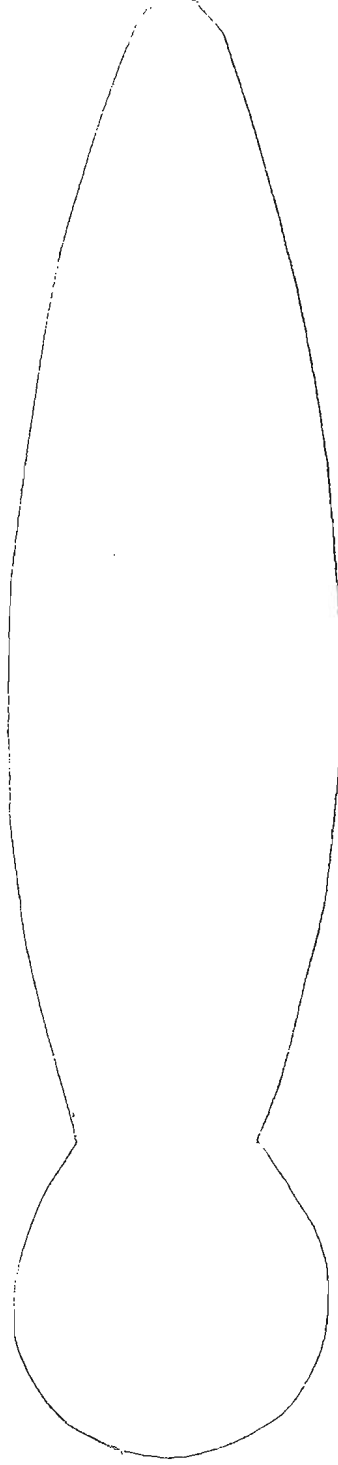
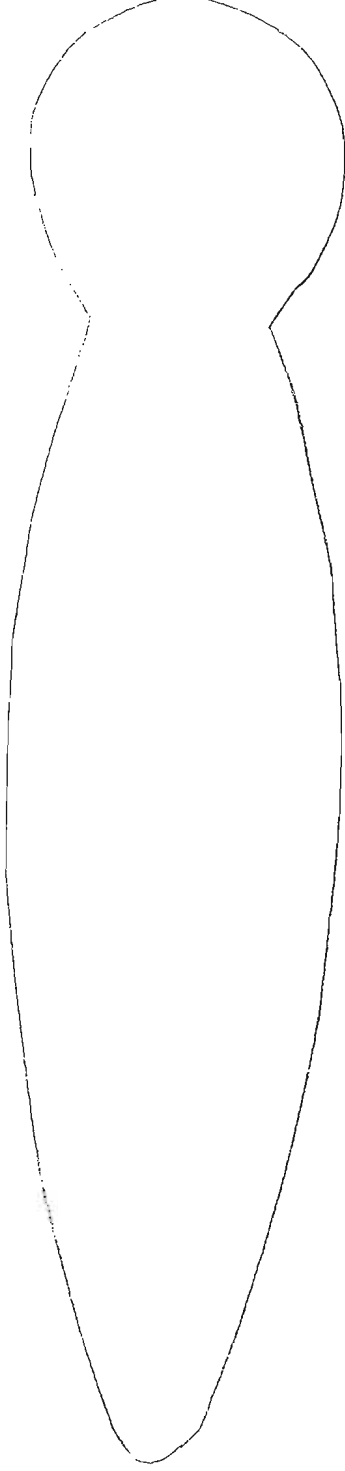
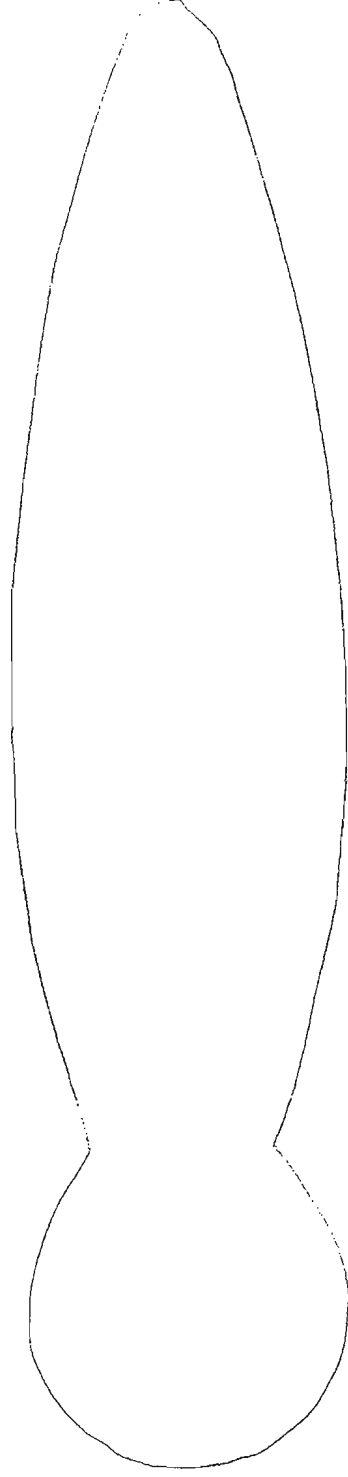
FOLD

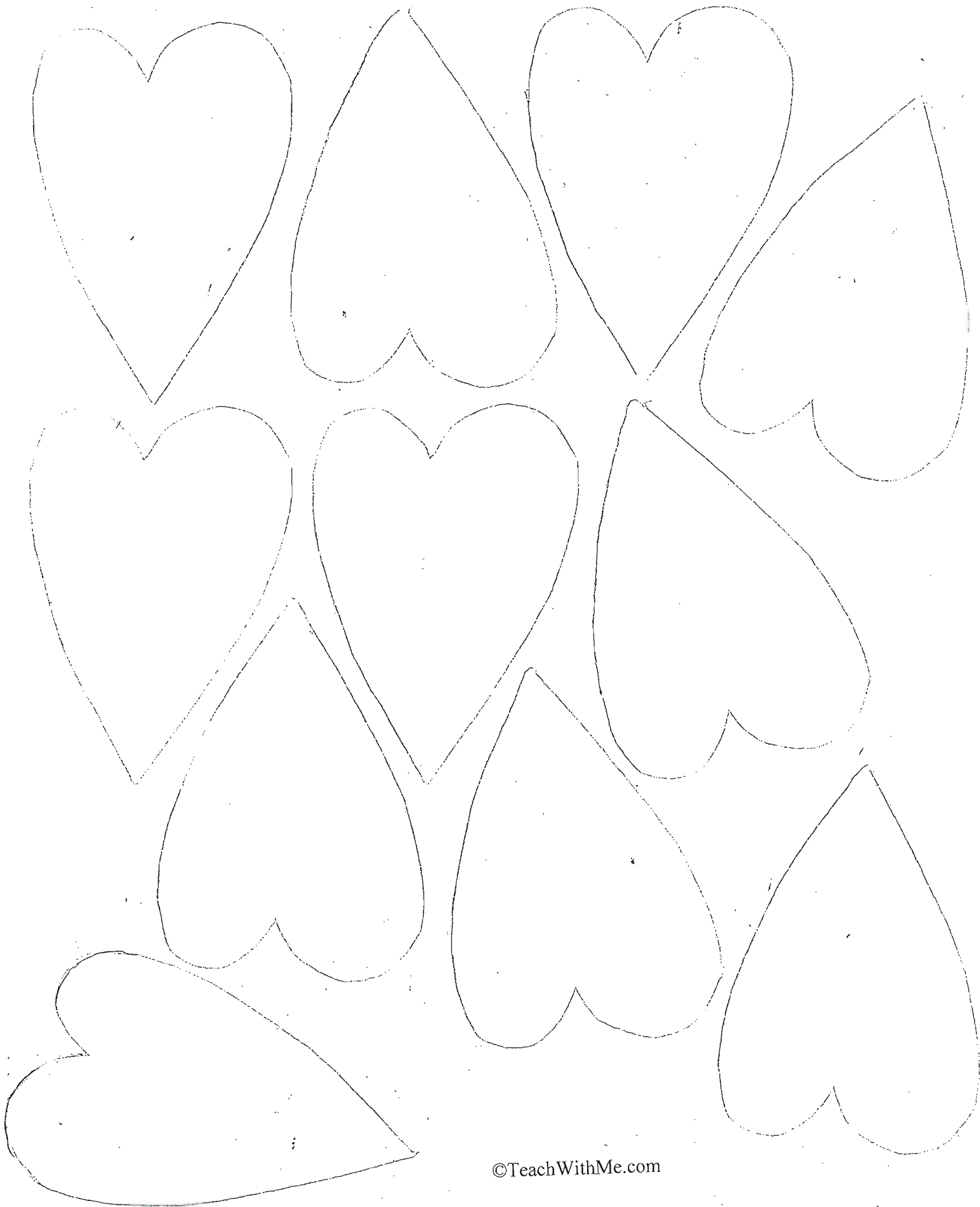
then snip them apart.

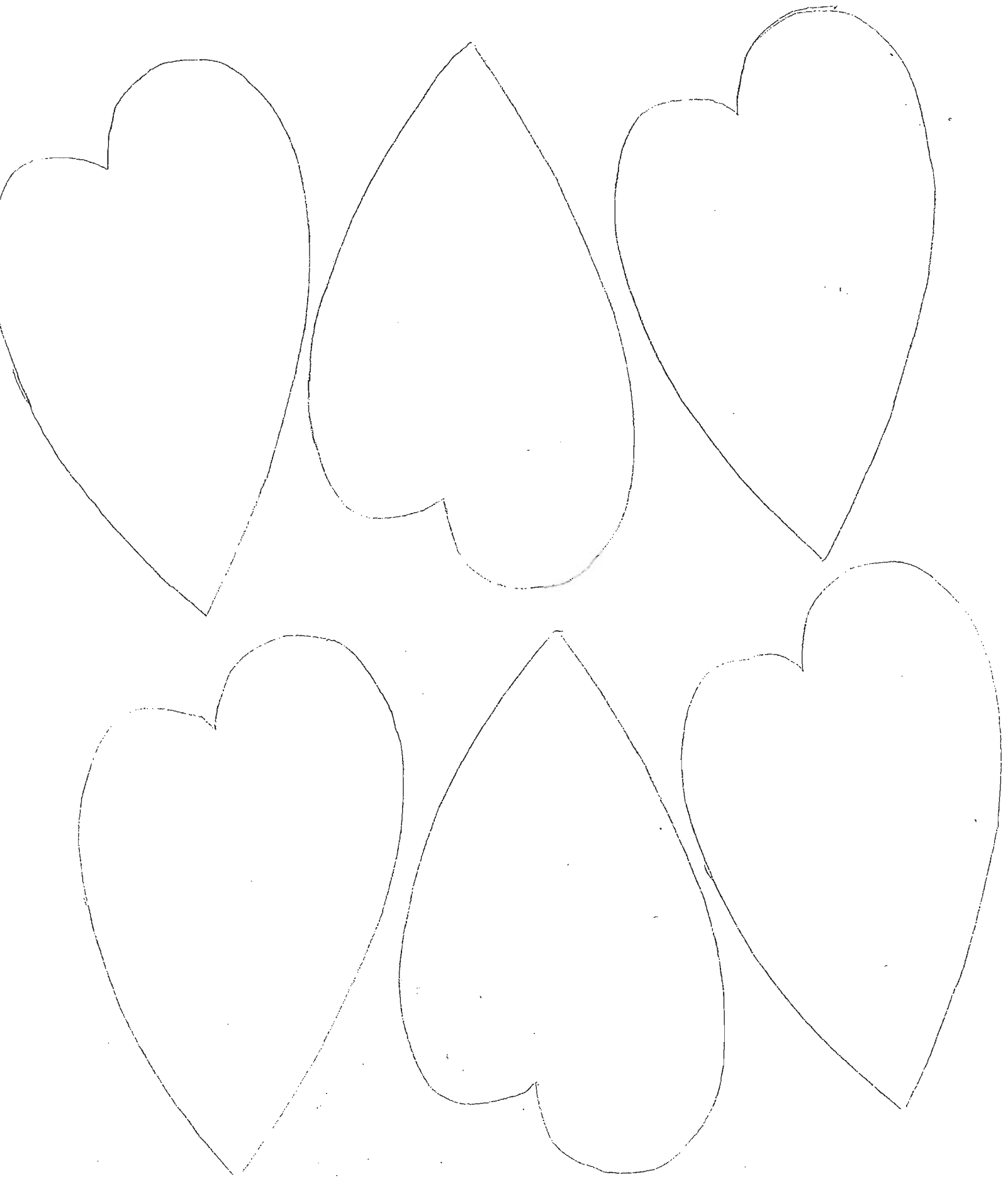
on the fold to cut wings

FOLD







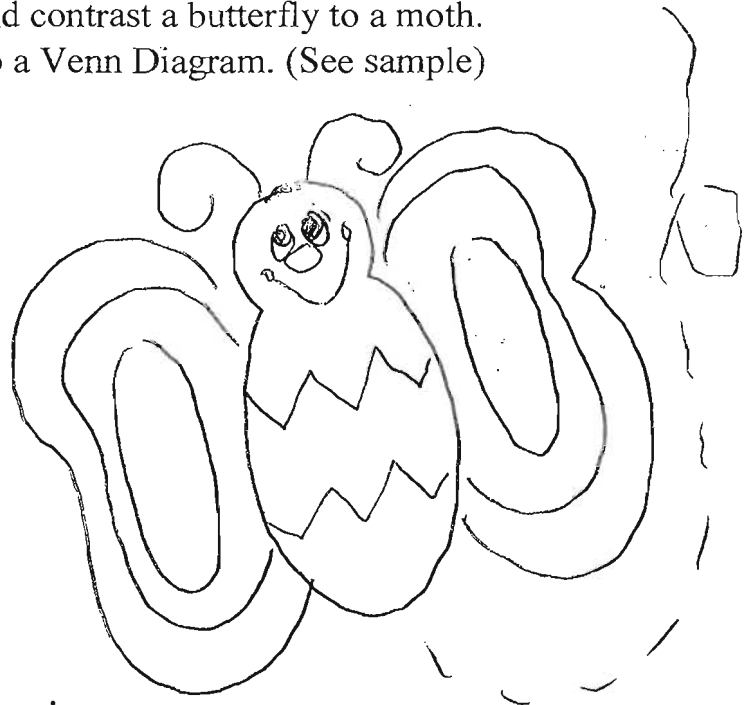


Night Flyers:

- Cut white construction paper into 4x5's
- Cut a moth template out of cardstock.
- TRACE around it with a white crayon, pressing hard so that the wax will build up.
- Explain to the children that moths fly at night and are attracted to light.
- They will make "night" on their paper with a bingo dabber or watercolors and a moth will magically appear!
- Children get a white 4x5 piece of construction paper.
- Using a black or blue bingo dabber, children dab their sheet of paper 'til a "moth" appears.
- Children write their name on the back of their creation and set aside to dry.
- You could also do this as a watercolor wash, where children wet their paint brush, dip it in black or blue and streak it horizontally across their paper 'til the moth appears.
- **TIP:** Remind them to use LOTS of water. Sometimes little ones get too much paint on. This cakes and dries onto the paper and the crayon tracing gets lost.

Venn Diagram Extension

- I incorporate a few moth things into our butterfly theme so we can compare and contrast. Little ones aren't really familiar with moths so it helps to start out with a Venn Diagram and several photos.
- Older children can do this as a mini-research question. Online find out 2 facts that will help compare and contrast a butterfly to a moth.
- The next day turn their facts into a Venn Diagram. (See sample)



At first you don't...then you do....see them!
They are cloaked in the color of night!

I took a little extra time to add some additional details to the butterfly's wings, to make the invisible to the visible a bit more interesting and exciting.

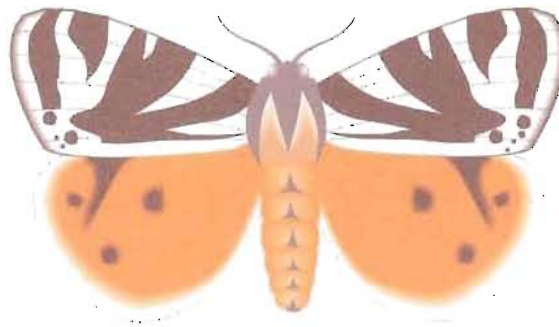


Information for your Venn-Diagram

Here are some **differences** that I found between a **butterfly** and a **moth**.

Moth

- When a moth is at rest, its wings are spread out, and open, along side its body.
- Most moths have fuzzy chubby bodies.
- Most moths have straight, feathery or branched antennae.
- Most moths fly at night; they are often attracted to a light source.
- Moths are generally earth tone in color.
- Moths tend to be larger than butterflies. The Atlas moth has a wingspan of 12 inches!
- A moth spins a cocoon.

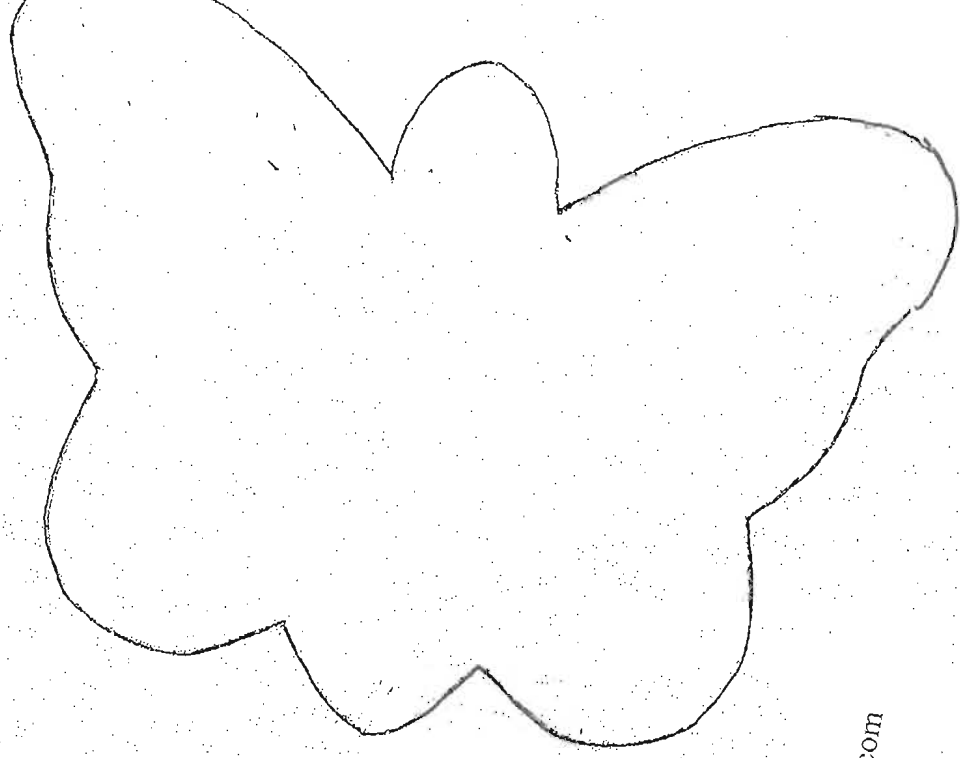
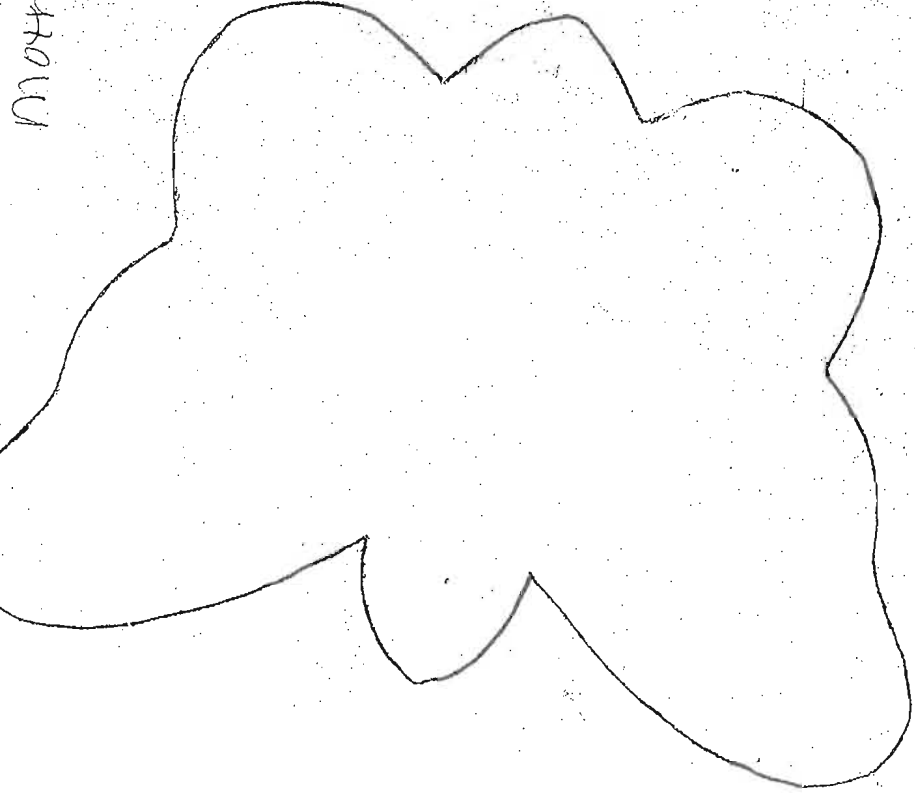


Butterfly

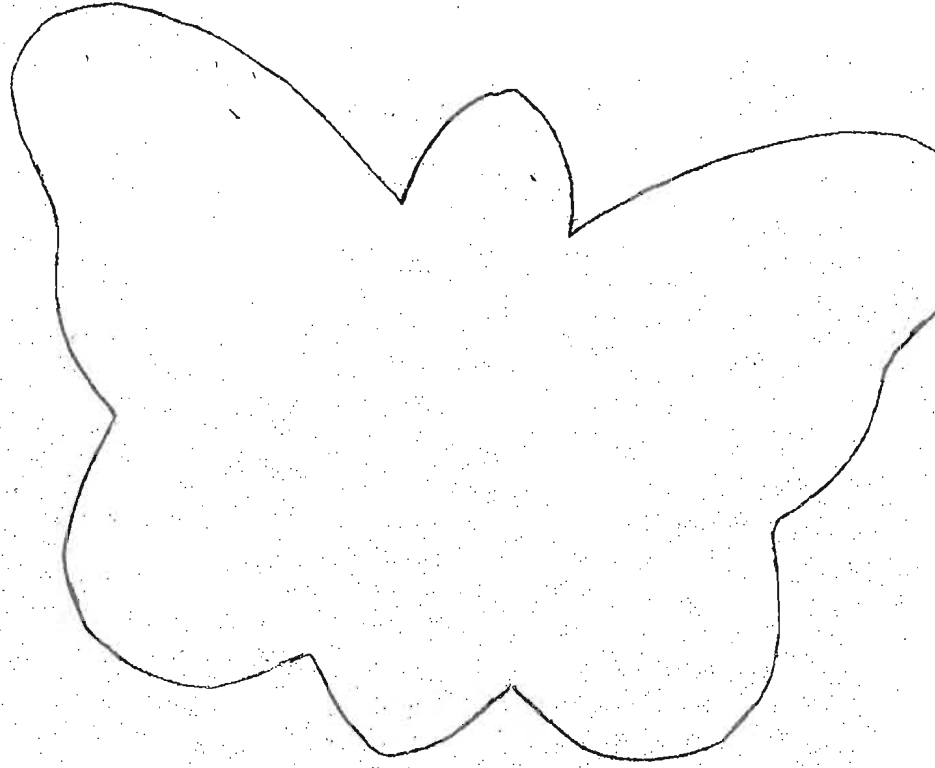
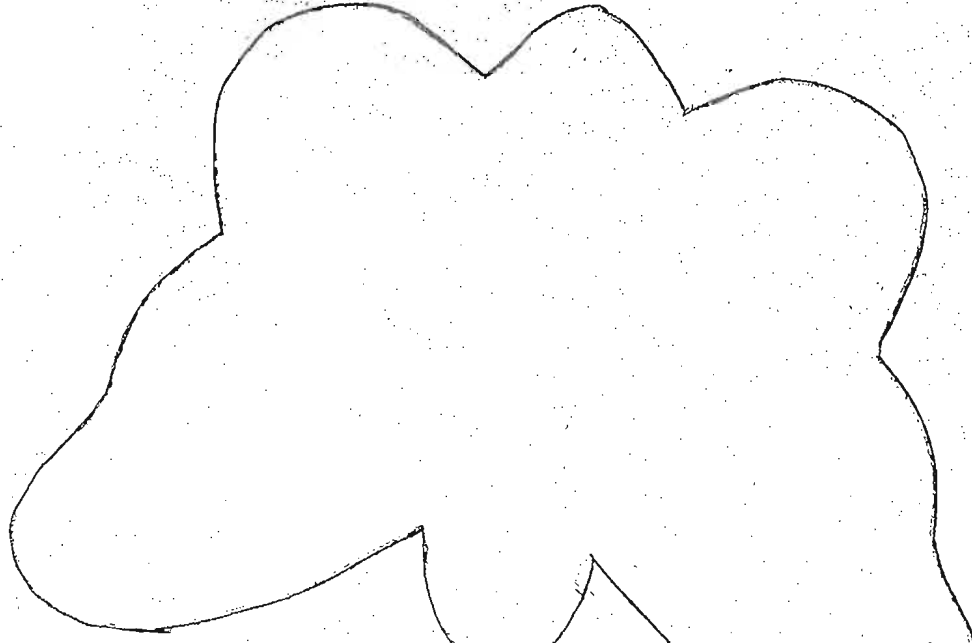
- At rest, a butterfly's wings are together and held upright, straight above its body.
- Butterflies have smooth slender bodies.
- Butterflies have smooth antennae with knobs at the end.
- Butterflies fly in the day time.
- Most of the brightly colored Lepidoptera are butterflies.
- A butterfly emerges from a chrysalis.



Math template

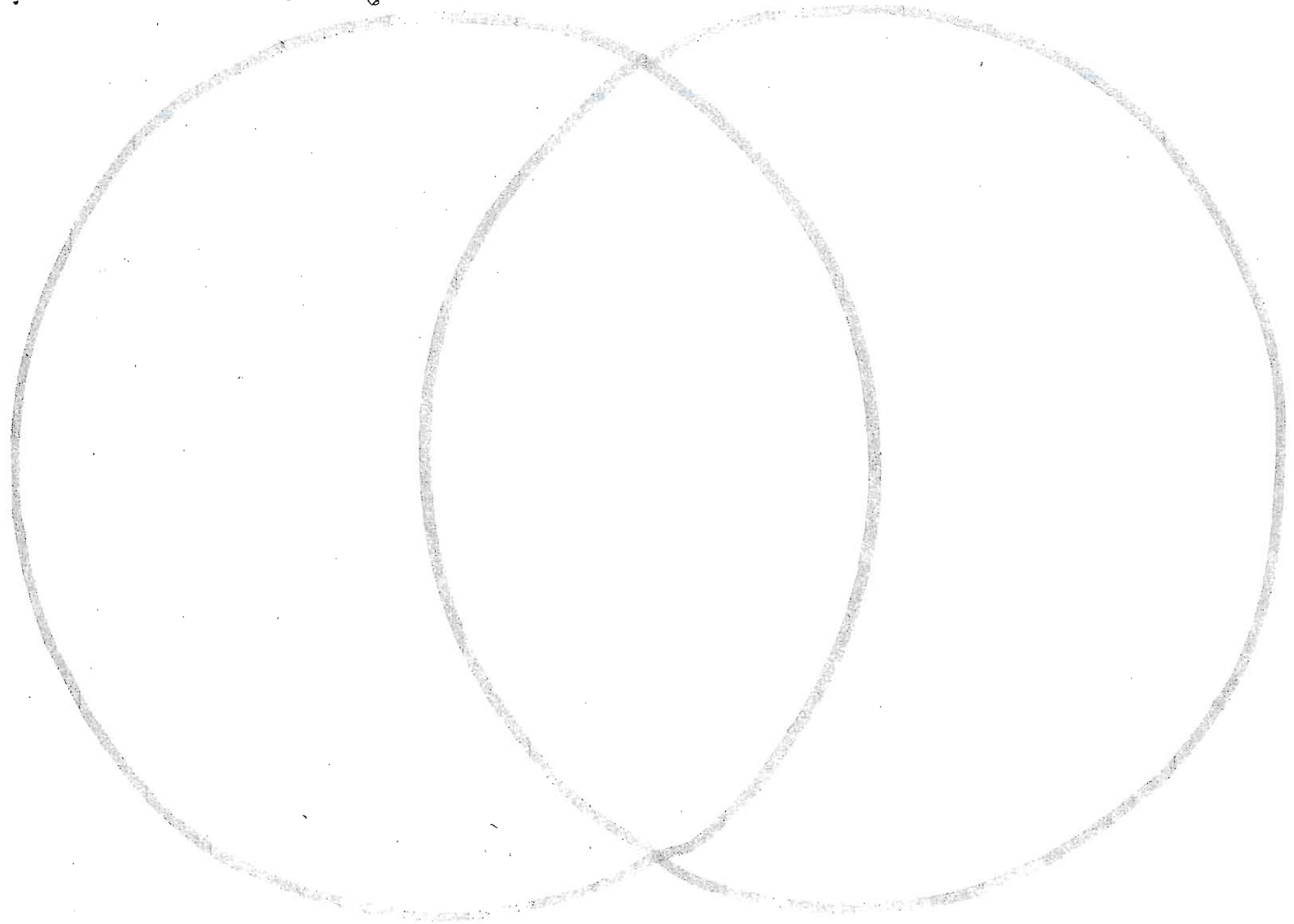


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moth

butterfly



Butterfly Songs

To help my students learn the science vocabulary I include it in all sorts of songs and finger plays.

TIP: Instead of having your students say “Here!” when you take attendance, have them say a butterfly vocabulary word.

Metamorphosis

To the tune of *A Tisket A Tasket A Green & Yellow Basket*

A Tisket a Tasket
A chrysalis for a basket
I once was a caterpillar
But now I am a butterfly.
A butterfly, a butterfly
Such a pretty butterfly
I once was a caterpillar
But now I am a butterfly.

Butterfly

To the tune of *London Bridges*
Butterfly she lays some eggs
Lays some eggs
Lays some eggs
Butterfly she lays some eggs

Soon they'll be caterpillars.
Caterpillars eat and eat
Eat and eat
Eat and eat
Caterpillars eat and eat
Before they go to sleep.

Caterpillars spin & spin
Spin & spin
Spin & spin
Caterpillars spin & spin
Soon they'll form a chrysalis.

Look! Out pops a butterfly
A butterfly, A butterfly
Look! Out pops a butterfly
Me-ta-mor-pho-sis

Butterfly is flying free
Flying free
Flying free
Butterfly is flying free
So long butterfly

This begins the life cycle.
Life cycle
Life cycle
This begins the life cycle
Here we go again.

Caterpillar to the tune of *Are You Sleeping?*

Where is caterpillar?
Where is caterpillar?
Inside a chrysalis
Inside a chrysalis
Soon she'll be a butterfly
Soon she'll be a butterfly

Me-ta-mor-pho-sis
Me-ta-mor-pho-sis

The Butterfly In The Chrysalis

To the tune of *The Farmer In The Dell*

The butterfly lays some eggs
The butterfly lays some eggs
Hi Ho Metamorphosis
The butterfly lays some eggs.

The caterpillars hatch
The caterpillars hatch
Hi Ho Metamorphosis
The caterpillars hatch.

The caterpillar eats & eats
The caterpillar eats & eats
Hi Ho Metamorphosis
The caterpillar eats and eats.

The caterpillar spins and spins.
The caterpillar spins and spins.
Hi Ho Metamorphosis
The caterpillar spins and spins.

We all watch and wait
We all watch and wait
Hi Ho Metamorphosis
We all watch and wait.

The chrysalis cracks and splits
The chrysalis cracks and splits
Hi Ho Metamorphosis
The chrysalis cracks and splits

Out comes a butterfly
Out comes a butterfly
Hi Ho Metamorphosis
Out comes a butterfly

She lays a bunch of eggs
She lays a bunch of eggs
Hi Ho Metamorphosis
The cycle starts again.
Metamorphosis Pokey

To the tune of *Hokey Pokey*
(Use the butterfly lifecycle manipulative)
Put your egg in
Take your egg out
Put your egg in
And shake it all about
You do the Metamorphosis Pokey
And you turn yourself around
That's what it's all about.

You put your caterpillar in
You take your caterpillar out
You put your caterpillar in
And you wiggle him all about
You do the Metamorphosis Pokey
And you turn yourself around
That's what it's all about

You put your chrysalis in
You take your chrysalis out
You put your chrysalis in
And you twirl it all about
You do the Metamorphosis Pokey
And you twirl yourself around
That's what it's all about

You take your butterfly out
You put your butterfly in
You take your butterfly out
And you flutter it all about
You do the Metamorphosis Pokey
And flap yourself around
That's what it's all about

The Life Cycle Pokey
The Life Cycle Pokey
That's what it's all about!

Who Am I?

- I do this as a center activity.
- The children set their cards aside to dry. Later we do the Metamorphosis Pokey using these cards.
- Using a white crayon I write the children's names on unlined white index cards.
- In one of the corners I put a C with a chrysalis shape around it, or a C with a squiggle next to it for caterpillar, or an E with a circle around it for an egg or a B to symbolize butterfly.

- Using bingo dot markers, the children dab at the card that I gave them. Their name appears as well as what they will be for our Butterfly Pokey.

Fly Away

The the tune of *Ring Around The Rosey*

Ring around the Chrysalis

A pocket full of butterflies

Metamorphosis - Metamorphosis

We all fly away!

10 Little Butterflies

To the tune of *10 Little Indians*

- Use life-cycle picture cards to show what the children are counting.
- You can teach and sing all of the song or just the last 2 stanzas.
- So that my children get the concept of the life cycle of a butterfly in yet another way, we run through it via my version of this song.

1 little, 2 little, 3 little eggs

4 little, 5 little, 6 little eggs

7 little, 8 little, 9 little eggs

10 little eggs on a leaf.

1 little, 2 little, 3 little caterpillars

4 little, 5 little, 6 little caterpillars

7 little, 8 little, 9 little caterpillars

10 caterpillars eating.

1 little, 2 little, 3 little chrysalises

4 little, 5 little, 6 little chrysalises

7 little, 8 little, 9 little chrysalises

10 chrysalises hiding.

Children clap 5 times. Once for each syllable of Me-ta-mor-pho-sis!"

I hold up the syllabic word card.

Then we sing the last stanza.

1 little, 2 little, 3 little butterflies

4 little, 5 little, 6 little butterflies

7 little, 8 little, 9 little butterflies

10 butterflies fly away.

I've also made up a quickie version for when I don't have time to run through the whole thing.

1 little 2 little 3 little eggs

4 little 5 little 6 little caterpillars

7 little 8 little 9 little chrysalises
10 little butterflies

- *To make this more interesting, I pass out number cards.*
- *(See my copy-ready art work to make your own set.)*
- *I choose 10 children to hold up the various numbered card as we say that number.*
- *I usually have 20 students in my class so the children each get two turns.*
- *All of the cue cards are kept in a large Zip-lock Baggie.*
- *The children constantly ask to sing the “butterfly number song”*
- *When I do the short version, I’m only passing out 3 of the eggs, caterpillars and chrysalises and only one butterfly.*
- *I match the numbers with the number that the children are singing for that particular part.*
- *Then, at the end of the song, we count the 10 things.*
- *I have a large Hispanic group so we also count in Spanish.*
- *We count backwards as well. When we say that number it goes into the bag ‘til the next time we sing. It’s a fun way to put the manipulatives away.*

TIP: Whenever I make the numbers 6 and 9 I put a LINE under them. Young children are always getting these 2 numbers confused, so I made up this rhyme to help them out. I explain to them that these are sneaky numbers that love to trick children, so don’t be fooled! Say to yourself:

“The CIRCLE sits on the 6!”

“Is the CIRCLE on the line? No! It must be a nine!”

This has really helped my students differentiate between the two numbers, so they seldom get mixed up. Try it. It works! ☺

TIP: Whenever we count backwards I tell the children we are “Blasting Off!” We get in the “rocket launching” position (squatting down-great for balance practice.) We fill up our gas tanks (Thumb in ear and say *glug glug glug glug*) then we slap our thighs and count from 10-0 and yell “Blast off!” The children jump up in the air and twirl around. We sometimes “Blast off” to transition to another activity. The children enjoy this immensely and it gets that report card standard in their head on a daily fun basis.

TIP: If your students are young and are learning to recognize numbers 1-10, make a pair of numbered gloves.

- Laminate a white sheet of construction paper, or cardstock for better durability.
- Trace and cut a quarter 10 times.
- Number them with a black permanent marker.
- Put a soft-side Velcro dot on the circle.
- Put the rough side Velcro dot on the tip of the glove’s finger and thumb.
- The children can see the numbers on your fingers as you count up and then down.
- The Dollar stores sell plain gloves you can decorate, or if you want some especially colorful ones with stripes and polka dots try a department store.

- Since this is easy and inexpensive, I have a pair of themed gloves for all my beginning units.
- i.e., I have a green pair. Instead of circles I die-cut mini red, yellow & green apples for September. I also cut off the foot of a long brown sock and sewed it to the end of my glove. The extra brown length helps give the illusion of my arm being a tree trunk. The various apple colors help the children see a pattern as well as learn that apples are 3 colors.
- For my spider unit in October, I wear a pair of black gloves. Using white puffy paint, I made a web on the front and back. My Velcro pieces are silver circles with little spider stickers sticking off the edge.
- Halloween-themed ones are also available in October and are great for a pair to use with pumpkin pieces.
- I wear a yellow pair with fake “hay” coming out of the cuffs for November, and a Green pair with red ball ornaments for December, finally a pair of blue metallic ones with white snowflakes. A pair of white gloves with different pieces finishes off the rest of the year. Red Hearts, Green Shamrocks, Butterflies in rainbow colors for April and Daisies for May. The children love to see what I’ll wear for the following month and never get tired of singing this song.
- Or simply keep things simple and make just one generic pair. I’ve even found gloves with the numbers already on them.
- If you feel it would be appropriate and helpful, you could have each parent send in a pair for their child to make their own counting gloves.

Butterfly Snack Time Song

- Once a month each of my students gets to take the Snack Sack home.
- The Snack Sack child brings in snack and juice for their classmates.
- Parents love the way I handle snack as they don’t have to remember to send a snack with their child everyday, children get a wonderful variety, better quality, and everyone has the same thing.

We sing the *Thank You Song* to the Snack Person:

***Kelli, Kelli, Kelli thank you for our treat,
Kelli, Kelli, Kelli How should we get to our seat to eat?”***

- That child thinks of a gross-motor movement and the children enjoy doing that particular motion to get to the tables.
- During Butterfly Week they can choose flying like a butterfly, twirling like a chrysalis, rolling with one somersault like an egg, or crawling like a caterpillar.
- During butterfly week, to teach & reinforce the term proboscis, (a butterfly’s tongue) we get to drink with *flower sippers*.
- Each child chooses a brightly-colored straw and must say “Proboscis please” as they choose one. They then slip a laminated flower with an x in the middle, onto their straw. I’ve also made larger laminated flowers with holes cut out of the center. They slide from the bottom up onto the rim of their cups.
- If you just want a one-time use simply use a large daisy punch and cut a class set of flowers out of construction paper. Hole punch the center.

- The children love pretending they're butterflies slurping their juice with their proboscis. When finished, they can take their flower sipper home, and reinforce the lesson by showing it to their family. It's always fun when parents come in and tell me that they never heard of a proboscis or chrysalis and that they thought a butterfly "hatched from a cocoon!"
- My student's acquire a knock-your-socks of science vocabulary with these simple activities.

Munch And Crunch A Bunch Of SHAPES And NUMBERS For Lunch.

- Make a caterpillar puppet from a tube sock.
- During Halloween & Christmas, stores have brightly colored-crazy looking ones.
- If they have "toes" just cut them off, and sew the ends together.
- Turn the sock inside out.
- Cut a 4 x 2 ½ cardstock rectangle out.
- Fold it in half.
- Hot glue one half to one side of the toe area, and the other side to the other half.
- Turn right side out.
- Insert your hand and grasp the cardboard "jaw"
- Tuck the toe area in so that it looks like a movable "mouth"
- Hot glue wiggle eyes on.
- Do this to both socks and you will have 2 puppets, one to use for this activity and one for a story telling puppet for Hungry Caterpillar.
- Cut a circular hole in one of the puppets mouths.
- Place this "caterpillar" over a Pringles can so that the opening is under the mouth.
- You're now ready to feed your caterpillar any programmable thing you want.
- Since I'm teaching shapes and numbers I buy a set of the magnetic plastic ones from the Dollar store.
- I put the shapes and numbers in a butterfly basket (Butterfly clip art, laminated, cut out and made into 3-D butterflies that I hot glued to a basket.)
- The children sit in a circle and pick a piece out of the basket.
- When everyone has one, we chant and feed our caterpillar.
- Crunch & Munch a _____ for lunch.
- Children show their shape or number and identify the color and what it is.
- Crunch & Munch a Yellow Rectangle for lunch!
- Letters can be used for K-1, spelling words, or whatever you want to reinforce, can be written on laminated business cards for older students.
- I do this activity write before we go to lunch.

Another way I reinforce numbers and shapes
with the same butterfly basket is with this song:

Butterfly Basket

To the tune of *A Tisket A Tasket A Green And Yellow Basket*

- Children sit in a circle.
- The children sing...

A tisket, A tasket, take a butterfly from the basket?

- I hold the basket in front of a child, they reach in and take out a laminated butterfly that I have written a number or drawn a shape on.
- They identify it, and show it to the children, who also identify it.
- They put that “caught” butterfly in a real butterfly net that I’m holding.
- I pass the basket ‘til everyone has had a turn.
- Again you can program the butterflies with any information.
- The children so enjoy this activity that I have made other baskets and die cut shapes to match a variety of themes.

What’s Goin’ On?

To the tune of *Row Row Row Your Boat*

By Diane L. Flohr

Lay, lay, lay some eggs

A butterfly’s dream

Hatch, hatch, hatch a caterpillar

Things aren’t what they seem.

Eat, eat, eat a leaf

A caterpillar’s dream

Chrysalis, Chrysalis, Chrysalis, Chrysalis

Things aren’t what they seem.

Rustle, rustle, crack and split

What is happening now?

Me-ta-mor-pho-sis Me-ta-mor-pho-sis

A butterfly, oh wow!

My Butterfly Has A Proboscis

To the tune of *A Tisket A Tasket A Green & Yellow Basket*

Proboscis, Proboscis

My butterfly has a Proboscis

She slurps up nectar yum, yum, yum

And now she has a full tum tum.

While singing this song, children can use the paper plate manipulative that they made.

Oh Where Oh Where Has The Caterpillar Gone?

To the tune of: *Oh Where Oh Where Has My Little Dog Gone?*

To be sung with the Paper Bag Chrysalis Whole Group Activity.

Oh where, oh where has my caterpillar gone?

Oh where, oh where can she be?

She has munched and crunched a bunch of leaves

And now she’s no where to be seen.

Oh where, oh where has my caterpillar gone?

Oh where, oh where can she be?
She wiggled and jiggled and twirled and swirled
Way up high in a tree.
Oh where, oh where has my caterpillar gone?
Oh where, oh where can she be?
She is safe and sound in a chrysalis
For many days you will see.

Sing this song later, after the butterflies have emerged from their chrysalis.

Oh where, oh where has my caterpillar gone?
Oh where, oh where can she be?
She disappeared 14 days ago
She's changing magically.

Oh where, oh where has my caterpillar gone?
Oh where, oh where can she be?
Metamorphosis in a chrysalis
Now my butterfly flies-- free!

Sing this song with the Small Medium Large butterfly manipulative.

SML

To the tune of *Three Blind Mice*
SMALL, MEDIUM, and LARGE
SMALL, MEDIUM, and LARGE
On my butterfly.
On my butterfly.
Did you ever see such a butterfly?
Her wings help her flutter and fly!
There's 2 sizes on each side.
SMALL, MEDIUM, and LARGE
SMALL, MEDIUM, and LARGE

Where Are You?

To the tune of *Are You Sleeping?*
(Let's sing a song to our caterpillars in the big bag chrysalis.)
Are you sleeping?
Are you sleeping?
In a chrysalis.
In a chrysalis.
Soon you will be changing
Soon you will be changing
Metamorphosis.
Metamorphosis.

If You're A Butterfly

To the tune of *If You're Happy And You Know It*

If you're an egg and you know it.
Sit real still.
If you're an egg and you know it.
Sit real still.
If you're an egg and you know it.
Then you'll hatch to really show it.
If you're an egg and you know it.
Sit real still.

If you're a caterpillar and you know it
Nibble Nibble
If you're a caterpillar and you know it
Nibble Nibble
If you're a caterpillar and you know it
Then you'll eat and eat to show it.
If you're a caterpillar and you know it
Nibble Nibble

If you're a chrysalis and you know it
Spin around
If you're a chrysalis and you know it
Spin around
If you're a chrysalis and you know it
Then you'll twirl and spin to show it
If you're a chrysalis and you know it
Spin around

If you're a butterfly and you know it
Flap your wings
If you're a butterfly and you know it
Flap your wings
If you're a butterfly and you know it
Then you'll lay some eggs to show it
If you're a butterfly and you know it
Flap your wings

If you're a butterfly and you know it
Shout hooray
If you're a butterfly and you know it
Shout hooray
If you're a butterfly and you know it
You'll fly away to show it
If you're a butterfly and you know it
Shout hooray!
Hooray!

Flap your wings
Spin around
Nibble Nibble
Sit real still.....
Shhhhhhhhhhh!

Where's Caterpillar

To the tune of *Jingle Bells*
Chrysalis, Chrysalis spinning prettily
Oh what fun it is to be in a chrysalis today. Hey!
Opening, Opening, cracking noisily
Oh what fun it is to be a butterfly today. Hey!

Now You See Her; Now You Don't!

To the tune of: ***Are You Sleeping?***
Sing this song with the ***Metamorphosis with Magical Marvelous Magnetic Maggie*** activity.

Metamorphosis
Metamorphosis
Look and see
Look and see
Maggie spins a chrysalis
Maggie spins a chrysalis
Happily
Happily

Where is Maggie?
Where is Maggie?
Look and see
Look and see
Now she is a butterfly
Now she is a butterfly
Metamorphosis
Metamorphosis

Metamorphosis

Sung to the tune of ***Are You Sleeping?***

First comes the egg
First comes the egg
Then the caterpillar
Then the caterpillar
He is hungry
He is hungry
Munch Munch Crunch
Munch Munch Crunch

Next there's a chrysalis
Next there's a chrysalis
What's going on?
What's going on?
The caterpillar's sleeping
The caterpillar's sleeping
ZZZ ZZZ ZZZ

ZZZ ZZZ ZZZ

Out pops a butterfly
Out pops a butterfly
Dry then fly.
Dry then fly.
A wet but pretty butterfly
A wet but pretty butterfly
Meta-mor-pho-sis
Meta-mor-pho-sis

I've Been Looking For A ...

Sung to the tune of: ***"I've Been Working On The Railroad"***

I've been looking for a tiny egg
On this nice spring day.
Oh, I've been looking for a tiny egg
In the month of May.
For if I find a leaf with this egg
So... I've been told
If I find a leaf with this egg
Metamorphosis I'll behold.

I've been looking for a caterpillar
On this nice spring day.
Oh, I've been looking for a caterpillar
In the month of May.
For if I find a hungry caterpillar
So I've been told
That if I find a hungry caterpillar
Metamorphosis I'll behold.

I've been looking for a chrysalis
On this nice spring day.
Oh, I've been looking for a chrysalis
In the month of May.
For if I find a little chrysalis
So I've been told
That if I find a little chrysalis
Metamorphosis I'll behold.

I've been looking for a butterfly
On this nice spring day.
Oh, I've been looking for a butterfly
In the month of May.
For if I find a pretty butterfly
So I've been told

That if I find a pretty butterfly
Metamorphosis I'll behold!

Have You Ever Seen A Butterfly?

To the tune of: *Did You Ever See A Lassie?*

Have you ever seen a butterfly?
A butterfly, a butterfly
Have you ever seen a butterfly?
She lays some eggs.

Have you ever seen a caterpillar?
A caterpillar, a caterpillar
Have you ever seen a caterpillar?
She eats and eats.

Have you ever seen a chrysalis?
A chrysalis, a chrysalis
Have you ever seen a chrysalis?
Shhhh!
The caterpillar's inside.

This is metamorphosis
metamorphosis, metamorphosis.
This is metamorphosis
Caterpillar to a butterfly!

Butterflies Come In Many Shapes

By Diane L. Flohr

To the tune of: *Three Blind Mice*

Sing this song with the
Shaped butterfly manipulative.

Shapes
Shapes
Shapes
My butterfly is a shape
My butterfly is a shape
Did you ever see a shape like this?
It's truly one you don't want to miss
My butterfly's wings are triangles
Shapes
Shapes
Triangle!

Shapes
Shapes
Shapes
My butterfly is a shape
My butterfly is a shape
Did you ever see a shape like this?
It's truly one you don't want to miss.
My butterfly's wings are squares you see
They help her fly happily.
Shapes
Shapes
Square!

Shapes
Shapes
Shapes
My butterfly is a shape
My butterfly is a shape
Did you ever see a shape like this?
It's truly one you don't want to miss.
My butterfly's wings are rectangles.
Shapes
Shapes
Rectangle!

Shapes
Shapes
Shapes
My butterfly is a shape
My butterfly is a shape
Did you ever see a shape like this?
It's truly one you don't want to miss
My butterfly's wings are circles you see
They help her fly happily
Shapes
Shapes
Circle!

Shapes
Shapes
Shapes
My butterfly is a shape
My butterfly is a shape
Did you ever see a shape like this?
It's truly one you don't want to miss,
Circles, Triangles,

Rectangles, Squares
Shapes
Shapes
Shapes

Butterflies on the Farm

To the tune of *Old MacDonald Had A Farm*

A butterfly, she laid an egg.

E-I-E-I-O

Lots and lots and lots of eggs

E-I-E-I-O

With an egg, egg here

And an egg, egg there

Here a crack there a hatch

Everywhere a hatch hatch

Butterfly she laid some eggs

E-I-E-I-O

A caterpillar grew and grew

E-I-E-I-O

The caterpillar ate and ate

E-I-E-I-O

With a munch, munch here

And a crunch, crunch there

Here a munch there a crunch

Everywhere a munch munch

The caterpillar ate and ate

E-I-E-I-O

Caterpillar starts to spin

E-I-E-I-O

Upside down she put herself

E-I-E-I-O

With a wiggle wiggle here

And a jiggle jiggle there

Here a wiggle there a jiggle

Everywhere a wiggle jiggle

In a chrysalis she sleeps

E-I-E-I-O

Metamorphosis takes place

E-I-E-I-O

Caterpillar starts to change

E-I-E-I-O

With a wiggle wiggle here

And a jiggle jiggle there

Here a wiggle there a jiggle
Everywhere a wiggle jiggle
Metamorphosis takes place
E-I-E-I-O

She turns into a butterfly
E-I-E-I-O
Now her wings they start to dry
E-I-E-I-O
With a flutter, flutter here
And a flitter, flitter there
Here a flitter there a flutter
Everywhere a flitter flutter
Butterfly will fly away!
E-I-E-I-O

Butterflies

To the tune of *She'll Be Comin' 'Round The Mountain*

She'll be laying many eggs yes she will
She'll be laying many eggs yes she will
She'll be laying many eggs
Soon to be insects with 6 legs
She'll be laying many eggs yes she will.

The eggs become caterpillars yes they will
The eggs become caterpillars yes they will
They eat both day and night
"til they split their skin, what a sight!
The eggs become caterpillars yes they will.

Now that caterpillar becomes big and fat
Now that caterpillar becomes big and fat
It's getting pretty sleepy,
and spinning something creepy
When that caterpillar becomes big and fat.

She's now inside a brown chrysalis
She's now inside a brown chrysalis
Where she'll sleep for a little while
And emerge with a butterfly smile
As she sleeps inside a brown chrysalis. (Substitute color for different butterflies.)

Metamorphosis is now taking place.
Metamorphosis is now taking place.
You'll hear a little crack

then see an insect's back
When metamorphosis is taking place.

Out pops a beautiful butterfly
Out pops a beautiful butterfly
You know the reason why
she can flap her wings and fly
It's because, metamorphosis took place!

I'm Bringing Home A Baby Butterfly

To the tune of: *I'm Bringing Home A Baby Bumble Bee*

I'm bringing home a baby butterfly
Won't my mommy stop and ask me why
I'm bringing home a baby butterfly
Flutter, Flutter, Flutter Flutter Fly!

I have the children sing this song and then ask them:

"Why would you bring home a butterfly?"

The answers I want them to give are in lifecycle order and include science facts and vocabulary.

"*Why would you bring home a butterfly?*"

- *To see the butterfly lay eggs.*
- *To see the eggs hatch into caterpillars.*
- *To see the caterpillars eat and eat then spin a chrysalis*
- *To see metamorphosis when the butterfly hatches out of the chrysalis*
- *To see the butterfly dry her wings so that she can fly.*
- *To see the butterfly sip nectar from a flower with her proboscis.*
- *To see the butterfly start all over again and lay lots of eggs!*

Must Be A Caterpillar

To the tune of: *Must Be Santa*

Who starts out as a tiny egg?
Caterpillar starts from a tiny egg!
Who is hungry and eats and eats?
Caterpillar's hungry and eats and eats!
Little egg, eats and eats
Must-- be a caterpillar
Must-- be a caterpillar
Must-- be a cater--ca-ter-pill-ar!

Who gets sleepy and spins and spins
Caterpillar's sleepy and spins and spins
Who forms a pretty chrysalis?

Caterpillar's in a chrysalis.

Spins and spins

Chry-sa-lis

Must-- be a caterpillar

Must-- be a caterpillar

Must-- be a cater--ca-ter-pill-ar!

Who's emerging? Look and see?

I think it's caterpillar can it be?

Cracking through,

Look and see?

Can it be?

No, it's a butterfly!

No, it's a butterfly!

No, it's a bu-tter--bu-tter-fly!

Butterfly

To the tune of *Kumbyah*

Something's laying-- an egg

Butterfly

Something's laying-- an egg

Butterfly

Something's laying-- an egg

Butterfly

Oh my, Butterfly!

Something's hatching—

A caterpillar

Something's hatching—

A caterpillar

Something's hatching—

A caterpillar

Oh my, Butterfly!

Something's hungry

A caterpillar

Something's hungry

A caterpillar

Something's hungry

A caterpillar

Oh my, Butterfly!

Something's sleepy

A caterpillar

Something's sleepy

A caterpillar

Something's sleepy

A caterpillar

Oh my, Butterfly!

Something's spinning

A caterpillar

Something's spinning

A caterpillar

Something's spinning

A caterpillar

Oh my, Butterfly!

Something's happening!

What is it?

Something's happening!

What is it?

Something's happening!

What is it?

Met-a---mor-pho-sis!

What's emerging-- from the
chrysalis?

What's emerging-- from the
chrysalis?

What's emerging-- from the
chrysalis?

Oh my, it's a Butterfly!

Do this song with the Flutter Floral-Proboscis Plate

My Proboscis

By Diane L. Flohr

To the tune of *London Bridges*

Sipping nectar from a flower

From a flower

From a flower

Sipping nectar from a flower

With my proboscis.

It's a straw-like hollow tongue

Hollow tongue

Hollow tongue

It's a straw-like hollow tongue

My proboscis.

Do this with the Spatial Direction Butterfly

Spatial Directions

By Diane L. Flohr

To the tune of *A Tisket A Tasket*

Directions

Directions

I can move my egg around

I place it here, I place it there,

See I place it everywhere.

Left or right,

Up or down,

Over, under, all around.

Bottom, top, middle too

Spatial directions I can do!

Rainbow Butterflies

To the tune of *London Bridges*

By Diane L. Flohr

Butterfly Rainbow

Rainbow

Rainbow

Butterfly Rainbow

Shining through.

Do you see the rainbow?

Rainbow?

Rainbow?

Do you see the rainbow?

In the sky!

On the cloud we're flying by
Flying high!
Flying high!
On the cloud we're flying by!
Rainbow Butterflies.

Butterfly Body Parts

To the tune of *Head-Shoulders-Knees And Toes*
Instead of Head Shoulders Knees and Toes
The children pretend that they are butterflies.

Head-Thorax-Abdomen-Abdomen (Point to head, chest, stomach)
Head-Thorax-Antennae-Antennae (Point to head, chest, wiggle 2 index fingers on the top of your head.)
Head-Thorax-Flap your Wings, Flap your Wings (Arms out, wrists bending with arms going up and down.)

Sing through twice then tell them to:

- Show me your head!
- Show me your thorax!
- Show me your abdomen!
- Show me your antennae!
- Show me your wings!

Fly to your seats beautiful butterflies. Fly!

My Proboscis

By Diane L. Flohr

To the tune of *London Bridges*

Sipping nectar from a flower

From a flower

From a flower

Sipping nectar from a flower

With my proboscis.

It's a straw-like hollow tongue

Hollow tongue

Hollow tongue

It's a straw-like hollow tongue

My proboscis.

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My proboscis.

10 Little Butterflies

To the tune of *10 Little Indians*

- Use life-cycle picture cards to show what the children are counting.
- You can teach and sing all of the song or just the last 2 stanzas.
- So that my children get the concept of the life cycle of a butterfly in yet another way, we run through it via my version of this song.

1 little, 2 little, 3 little eggs
4 little, 5 little, 6 little eggs
7 little, 8 little, 9 little eggs
10 little eggs on a leaf.

1 little, 2 little, 3 little caterpillars
4 little, 5 little, 6 little caterpillars
7 little, 8 little, 9 little caterpillars
10 caterpillars eating.

1 little, 2 little, 3 little chrysalises
4 little, 5 little, 6 little chrysalises
7 little, 8 little, 9 little chrysalises
10 chrysalises hiding.

Children clap 5 times. Once for each syllable of Me-ta-mor-pho-sis!"
I hold up the syllabic word card.
Then we sing the last stanza.

1 little, 2 little, 3 little butterflies
4 little, 5 little, 6 little butterflies
7 little, 8 little, 9 little butterflies
10 butterflies fly away.

I've also made up a quickie version for when I don't have time to run through the whole thing.

1 little 2 little 3 little eggs
4 little 5 little 6 little caterpillars
7 little 8 little 9 little chrysalises

TIP: If your students are young and are learning to recognize numbers 1-10, make a pair of numbered gloves.

- Laminate a white sheet of construction paper, or cardstock for better durability.
- Trace and cut a quarter 10 times.
- Number them with a black permanent marker.
- Put a soft-side Velcro dot on the circle.
- Put the rough side Velcro dot on the tip of the glove's finger and thumb.
- The children can see the numbers on your fingers as you count up and then down.
- The Dollar stores sell plain gloves you can decorate, or if you want some especially colorful ones with stripes and polka dots try a department store.
- Since this is easy and inexpensive, I have a pair of themed gloves for all my beginning units.
- i.e., I have a green pair. Instead of circles I die-cut mini red, yellow & green apples for September. I also cut off the foot of a long brown sock and sewed it to the end of my glove. The extra brown length helps give the illusion of my arm being a tree trunk. The various apple colors help the children see a pattern as well as learn that apples are 3 colors.
- For my spider unit in October, I wear a pair of black gloves. Using white puffy paint, I made a web on the front and back. My Velcro pieces are silver circles with little spider stickers sticking off the edge.
- Halloween-themed ones are also available in October and are great for a pair to use with pumpkin pieces.
- I wear a yellow pair with fake "hay" coming out of the cuffs for November, and a Green pair with red ball ornaments for December, finally a pair of blue metallic ones with white snowflakes. A pair of white gloves with different pieces finishes off the rest of the year. Red Hearts, Green Shamrocks, Butterflies in rainbow colors for April and Daisies for May. The children love to see what I'll wear for the following month and never get tired of singing this song.
- Or simply keep things simple and make just one generic pair. I've even found gloves with the numbers already on them.
- If you feel it would be appropriate and helpful, you could have each parent send in a pair for their child to make their own counting gloves.

10 little butterflies

- *To make this more interesting, I pass out number cards.*
- *(See my copy-ready art work to make your own set.)*
- *I choose 10 children to hold up the various numbered card as we say that number.*
- *I usually have 20 students in my class so the children each get two turns.*
- *All of the cue cards are kept in a large Zip-lock Baggie.*
- *The children constantly ask to sing the “butterfly number song”*
- *When I do the short version, I’m only passing out 3 of the eggs, caterpillars and chrysalises and only one butterfly.*
- *I match the numbers with the number that the children are singing for that particular part.*
- *Then, at the end of the song, we count the 10 things.*
- *I have a large Hispanic group so we also count in Spanish.*
- *We count backwards as well. When we say that number it goes into the bag ‘til the next time we sing. It’s a fun way to put the manipulatives away.*

TIP: Whenever I make the numbers 6 and 9 I put a LINE under them. Young children are always getting these 2 numbers confused, so I made up this rhyme to help them out. I explain to them that these are sneaky numbers that love to trick children, so don’t be fooled! Say to yourself:

“The CIRCLE sits on the 6!”

“Is the CIRCLE on the line? No! It must be a nine!”

This has really helped my students differentiate between the two numbers, so they seldom get mixed up. Try it. It works! ☺

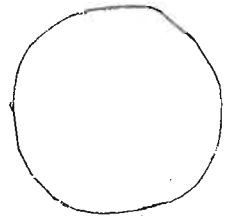
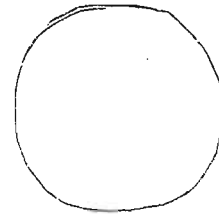
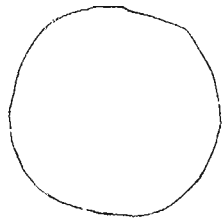
TIP: Whenever we count backwards I tell the children we are “Blasting Off!” We get in the “rocket launching” position (squatting down-great for balance practice.) We fill up our gas tanks (Thumb in ear and say glug glug glug glug) then we slap our thighs and count from 10-0 and yell “Blast off!” The children jump up in the air and twirl around. We sometimes “Blast off” to transition to another activity. The children enjoy this immensely and it gets that report card standard in their head on a daily fun basis.

Eggs On a Leaf Counting.

- Using the same leaf template from the 10 Little Eggs Song, I made a new template with circles on leaves 1-5.
- Run off the master on green construction paper.
- Laminate them.
- Cut them out.
- Put a scratchy-side, peel-and-stick Velcro dot to each of the circles.
- Put the leaves in a baggie.
- Put 20 white pompoms in another baggie. (5 extra incase some get lost.)
- Put both baggies in a large baggie.
- Children count out the pompoms and put them on the dots, saying the number and then counting the pompom eggs.
- I made the vein on the leaves look like a plus + sign.
- Older children can add as they place the pompoms on the leaves.
- $2 \text{ eggs} + 2 \text{ more eggs} = 4 \text{ eggs}$.
- I even do this simple addition with my Young Fives.
- The children can do this independently at a center or ...
- you can put magnet strip on the back of the leaves and do it as a finger-play counting song on the white board, passing the pompoms out to the children, who will be called on to add an egg.
- You can do subtraction this way too, by taking away the eggs.
- I have given my 1st graders these leaves. I call on one leaf-child to come up, she calls on another.
- If the number she calls on is greater than her number, we add. I give the +-sign leaf to a child and she comes up.
- If it's less than that child's number, we subtract and a – sign leaf child comes up.
- You can even continue the equation with a third child.
- For this addition and subtraction game I use all of the leaves from the 10 Little Eggs song, plus the minus, plus and equal sign leaves.
- The children love this visual review of addition and subtraction.
- You can make it even more exciting by making it competitive. Divide the class into teams. The first team to raise their hand with the correct number gets a point for their team. Play to 10 points, or whatever time allows.

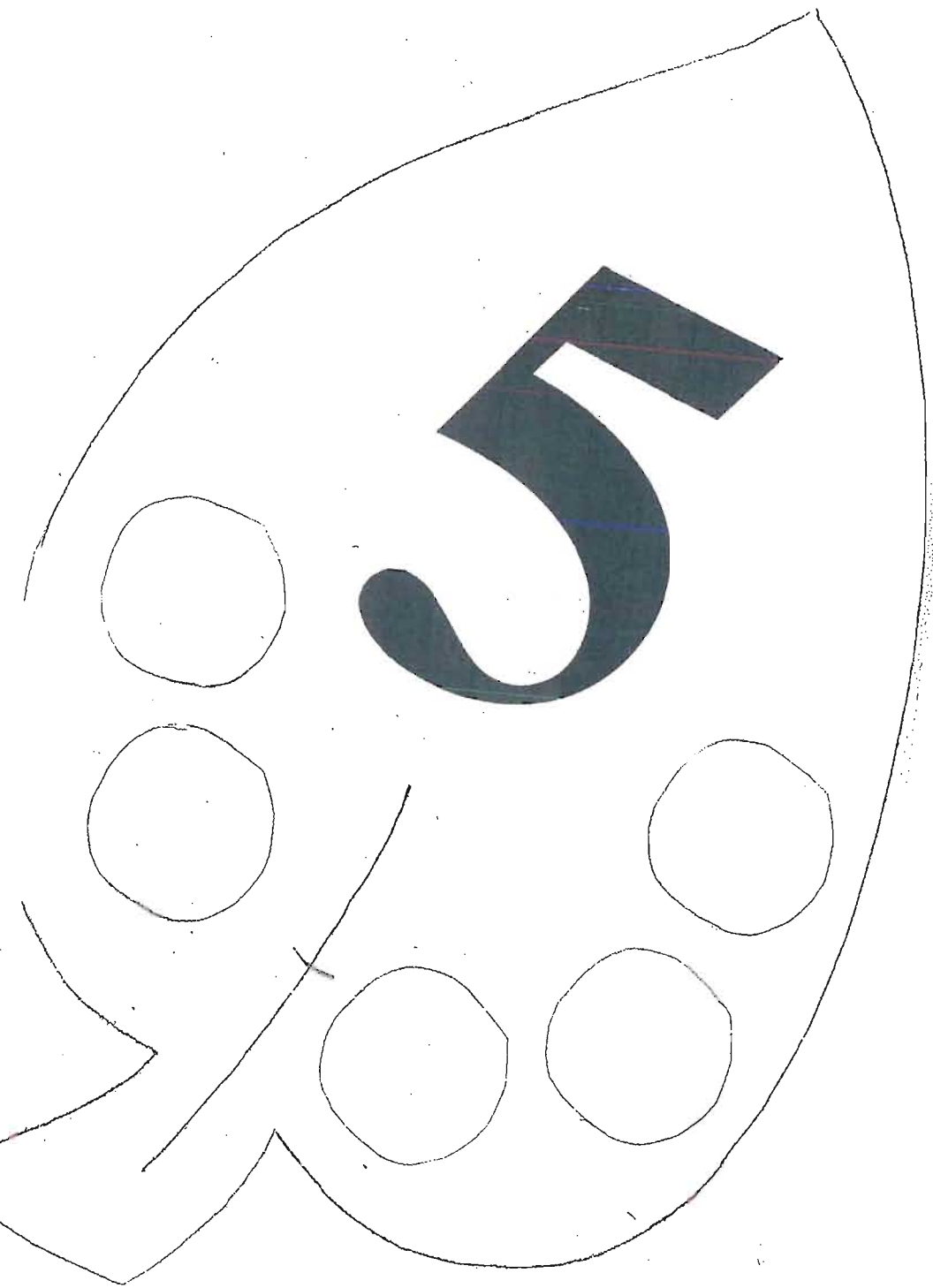
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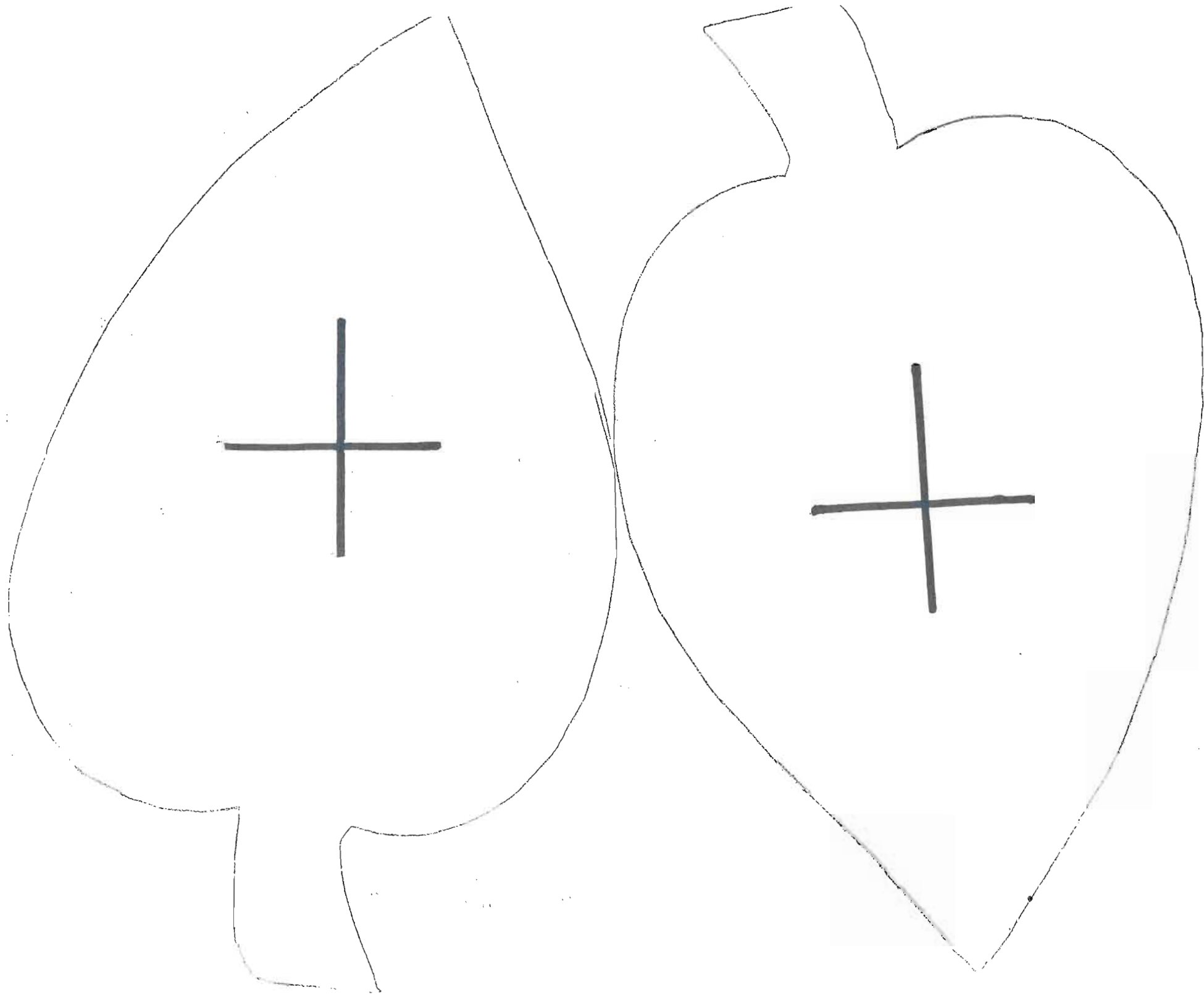
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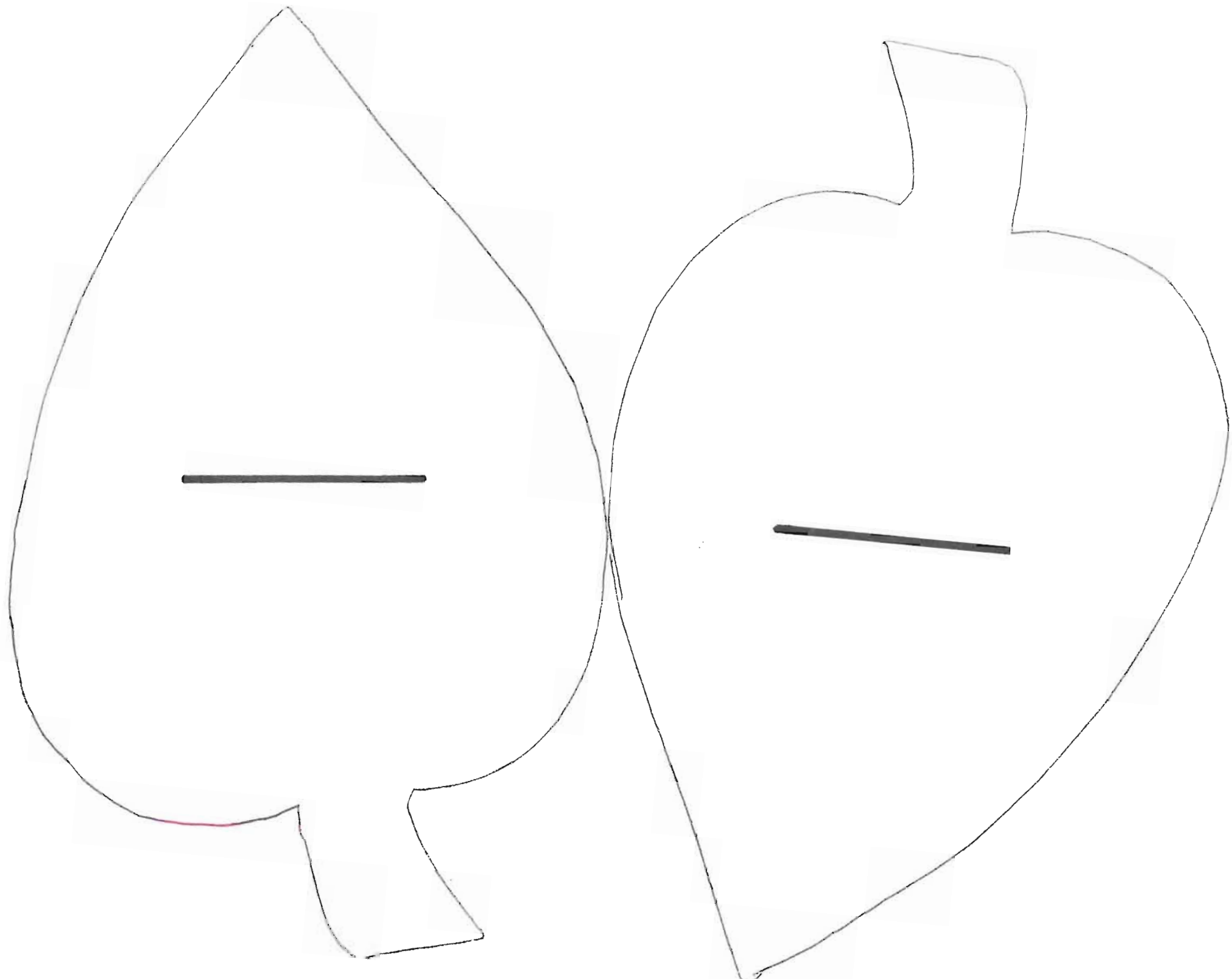


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4







Gross Motor Fun

- To introduce word recognition and spelling to my Y5's I show them a flashcard of something with that word written on it.
- They have to do the movement I taught them that corresponds with that flashcard.
- Doing the butterfly lifecycle is very popular with the children.
- We always have a giggling great time! ☺
- I keep these cards handy so during transition time I'll let a child choose a card from the pile; we then do that movement to line up or return to our seats.

All Together Now; Do The...B.E.C.C.B.

(Butterfly, Egg, Caterpillar, Chrysalis, Butterfly)

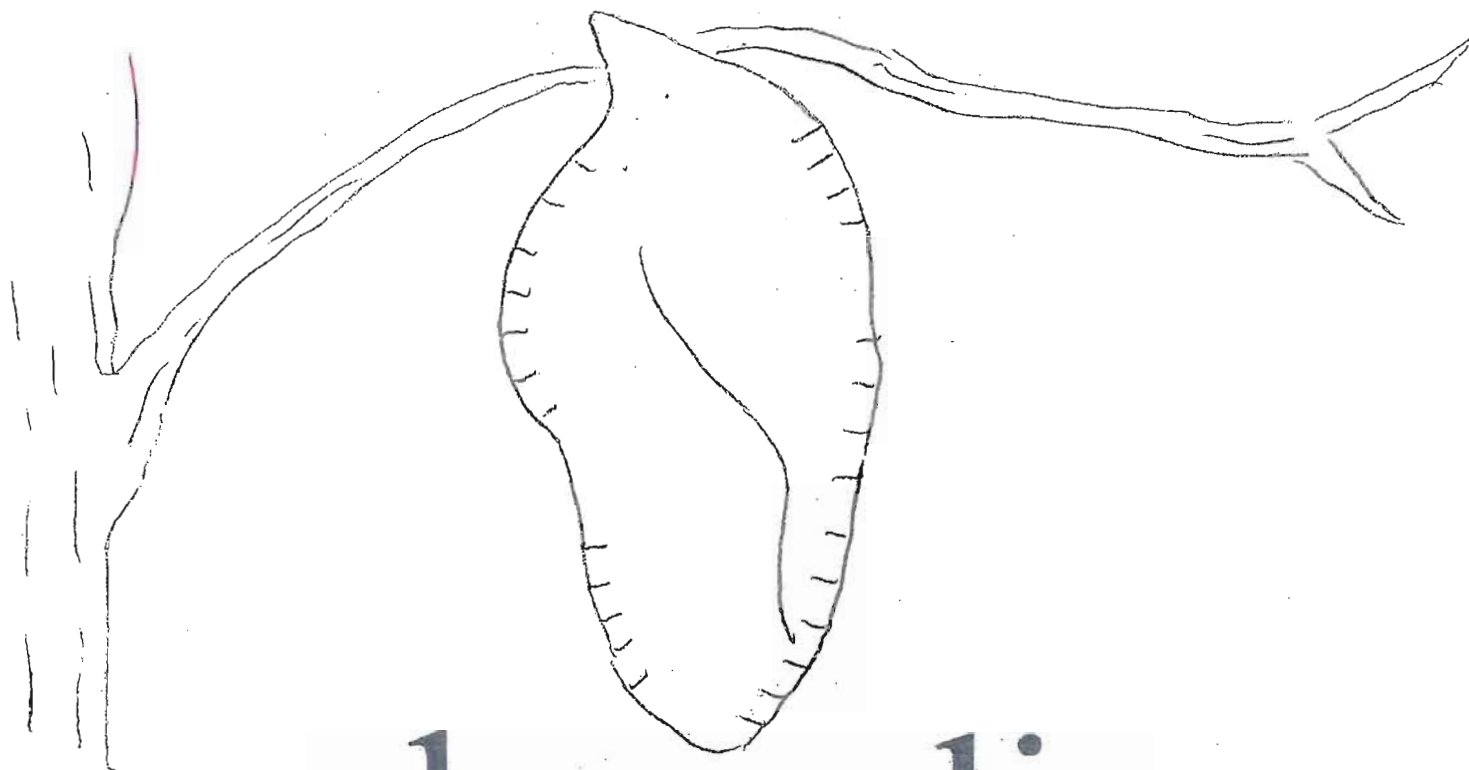
Large Gross Motor Movement:

- When I hold up the butterfly card and say "Butterfly!" the children flap their wings and fly around.
- When I hold up the egg card, children roll up in a ball and do a summersault.
- When I hold up the caterpillar card, children lay on their tummies, hands and feet on the floor, they "crawl" by having their feet move forward which inches their lower torso up so it looks like they are in a touching-your-toes position. Then they move their hands forward 'til they are back on their tummies. While they are moving they pretend to eat and say "munch munch munch."
- When I hold up the chrysalis card, children spin around once, then stand on their heads with a partner holding their feet up, then they switch and their partner is upside down.
- When I hold up the butterfly card again, the children flap their wings and stay in one place as if drying them, after a count of 10 we fly off and land on a flower making "slurping" noises with our pretend proboscis (arm extended in front of our mouth.)

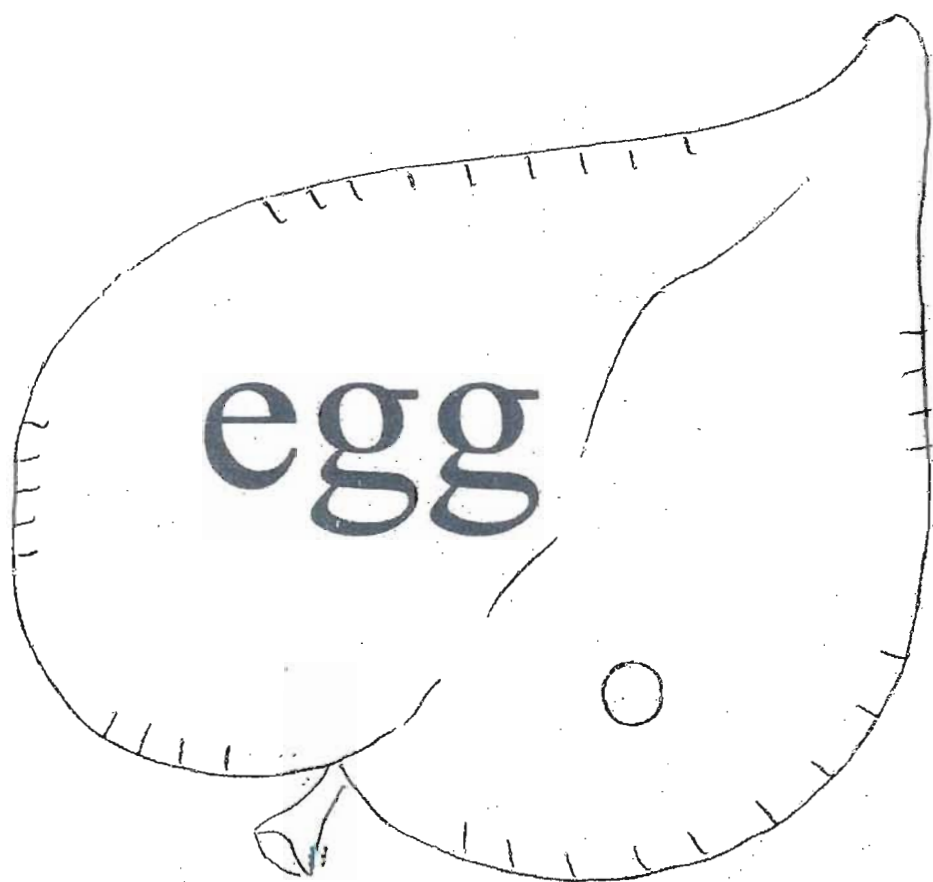
More Subdued Gross Motor Movement:

- **Butterfly:** Children flap their wings and stay in one place.
- **Egg:** Children sit on the floor Indian style, hug themselves and tuck their chin down.
- **Caterpillar:** Children stand up and wiggle like crazy.
- **Chrysalis:** Children stand up, spin around once, then they put their right arm above their head so that it droops over to the left. Children's heads are lying on their left shoulder, their eyes are closed.
- **Butterfly:** Children are standing with their arms hugging themselves and their shoulders hunched up. They stretch and yarn and reach up to the sky slowly flapping their wings while standing in place. We count to 10 so that our wings dry, then we flutter and fly to our seats.

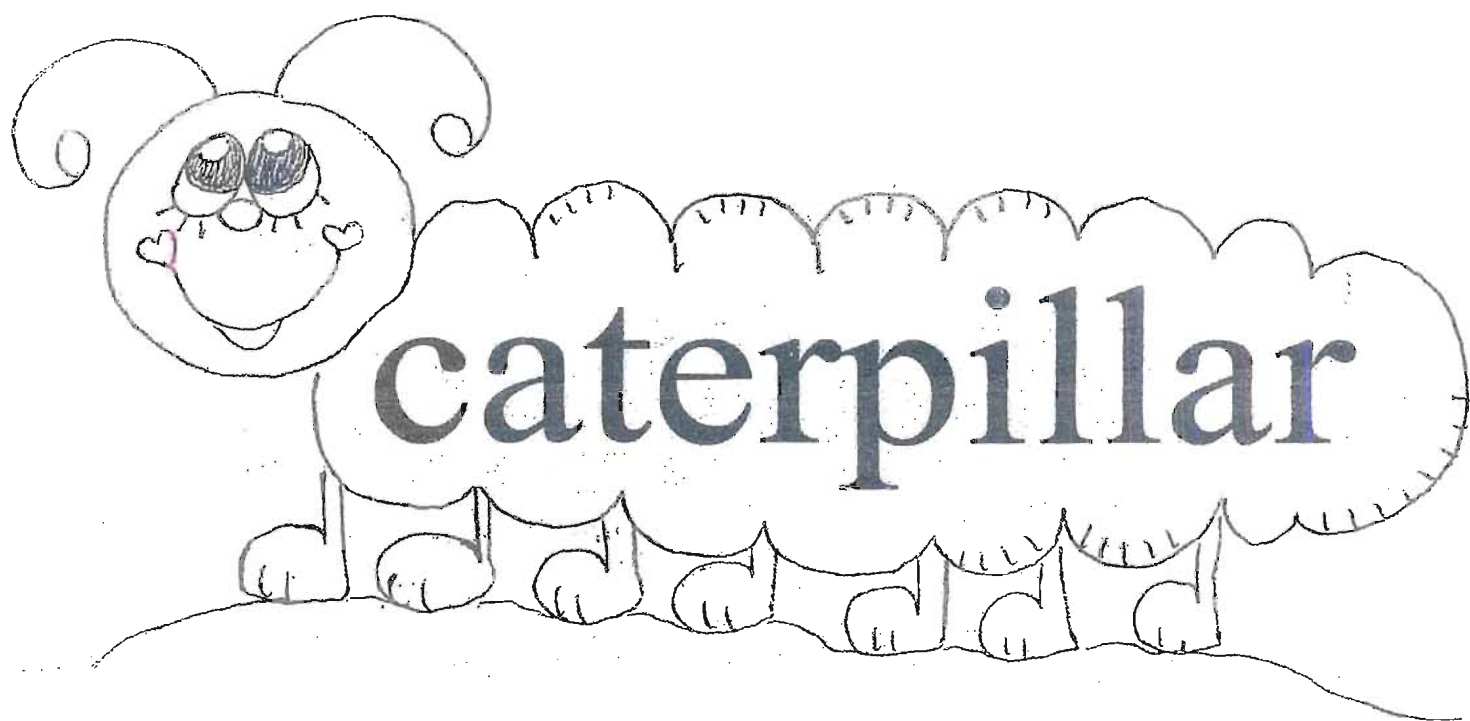




chrysalis



egg



Butterfly Stories

Once Upon A Shape

- Run off a copy of the story and laminate it.
 - Laminate a sheet of red, orange, yellow, lime-green, blue, purple, black, white, light brown, dark brown and hot pink construction paper.
 - Run off the shape-master on cardstock.
 - Cut out the shapes and use them as templates to TRACE on the laminated construction paper.
 - Trace then cut out the shapes.
 - Affix the scratchy side of a Velcro dot to the back of each piece if you want to use a flannel board, or a flat magnetic dot if you want to use a white board.
 - I often do both, so after using the flannel board, I pass the shapes out to different children and ask them if they can assemble the pictures on the white board. Are there different ways to make the picture? Yes!
 - The 2 eggs, and the 4 squares, and 4 of the triangles for the butterfly, need to be matched up to soft-Velcro dots on the green leaf and yellow-heart wings of the butterfly for later placement. The easiest way to do this, is put the scratchy dot on the shapes, then fasten the soft dot to it. Peel off the paper on the soft dot so the sticky side is out and press it to the "X" location on the yellow-heart wings.
 - Pass the pieces out to the children, then read the story.
 - As you come to each colored shape, pause so the children can put their pieces on the board.
 - I reinforce colors in Spanish and Sign Language as well.
 - I also review counting with the children as well as greater and less than. How many squares do we have? Let's count them. Do we have more circles or squares?
 - Keep the various pieces in their own zip lock baggie, and all of the baggies, plus the story in a manila envelope.
 - You can tell the story and have the children put the various colored shapes anywhere on the flannel board, then you can take a few moments and rearrange them making the picture.
 - This is an INTERACTIVE story so get the children involved. Besides bringing you their specific pieces and putting them on the board...
1. Have the children say the repetitive phrases:
 - "Let's mix them up and see what we've got. A _____. Thanks a lot!"
 - "Pretty-pretty, pretty please, won't you make a picture of these?"
 - The magic words: **CHRYsalis & METamorphosis**
 2. Have the children do the motions:
 - "Roll and roll and roll and spin." (Children make fists and roll them around each other.)
 - "Stand up; twirl around! Click your heels and touch the ground. You're your hands, now sit back down." (Children STAND up, TWIRL around, CLICK their heels together twice, BEND OVER and TOUCH the ground, CLAP their hands twice, then SIT back down Indian-style. (I like to call this "criss-cross applesauce."))

Once Upon A Shape

By Diane L. Flohr

Once upon a time, in the Land of Pretend, there lived some very colorful shapes.

If you'd say the magic words:

*"Pretty-pretty, pretty please,
won't you make a picture with these?"*

Something special would happen!

I need your help. I will pass these shapes out to you.

Listen very carefully, for when I ask for your colored shape, bring it to me so that we can put our picture together!

Can you guess what we're making?

1 *green* shape that looks like a TEAR
is rather lonely 'til

2 *white* CIRCLES appear.

*"Pretty-pretty, pretty please,
won't you make a picture with these?"*

Let's mix them up. What do you think we've got?

Butterfly eggs on a leaf! Thanks a lot.

1 *red* CIRCLE

2 *purple* TRIANGLES

3 *white* RECTANGLES

4 *black* SQUARES

*"Pretty-pretty, pretty please,
won't you make a picture with these?"*

Let's mix them up. What do you think we've got?

A caterpillar! Thanks a lot.

I spy a black and white pattern do you?

I spy the pattern on you know who!

Roll and roll and roll and spin.

I'm sure that's how we should begin.

1 pointy HEART that is *light brown*
with ...

2 *darker* OVALS hanging upside down.

Whisper the magic word...

“Chrysalis!”

Say it louder now, so you can be heard...

“Chrysalis!”

*“Pretty-pretty, pretty please,
won’t you make a picture with these?”*

Let’s mix them up. What do you think we’ve got?

A caterpillar in a chrysalis! Thanks a lot!

1 orange CIRCLE

2 yellow HEARTS

3 blue RECTANGLES

4 lime-green SQUARES

5 hot-pink TRIANGLES

Stand up; twirl around!

Click your heels and touch the ground.

Clap your hands, now sit back down.

Shhhh!

Whisper the magic word...

“Metamorphosis!”

Say it louder now so you can be heard...

“Metamorphosis!”

*“Pretty-pretty, pretty please,
won’t you make a picture with these?”*

Let’s mix them up. What do you think we’ve got?

A butterfly! Thanks a lot!

Look! Do you see?

The **life-cycle of a butterfly**...thanks for helping me!

Because of your help in the Land of Pretend,
my shapes can live happily-ever-after...

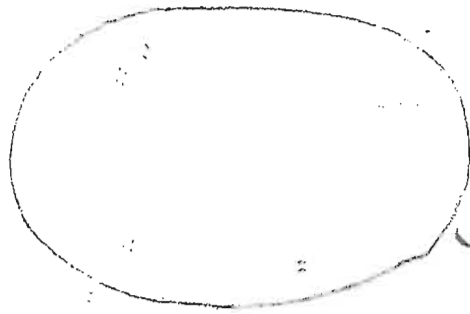
The End!

Caterpillar Chrysalis & Leaf/Egg Pieces

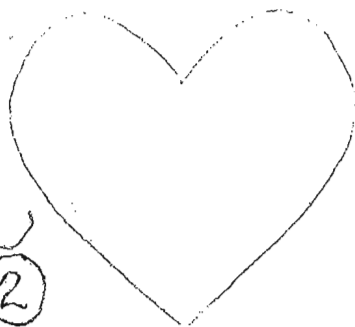
Run off on cardstock.

Cut the shapes out.

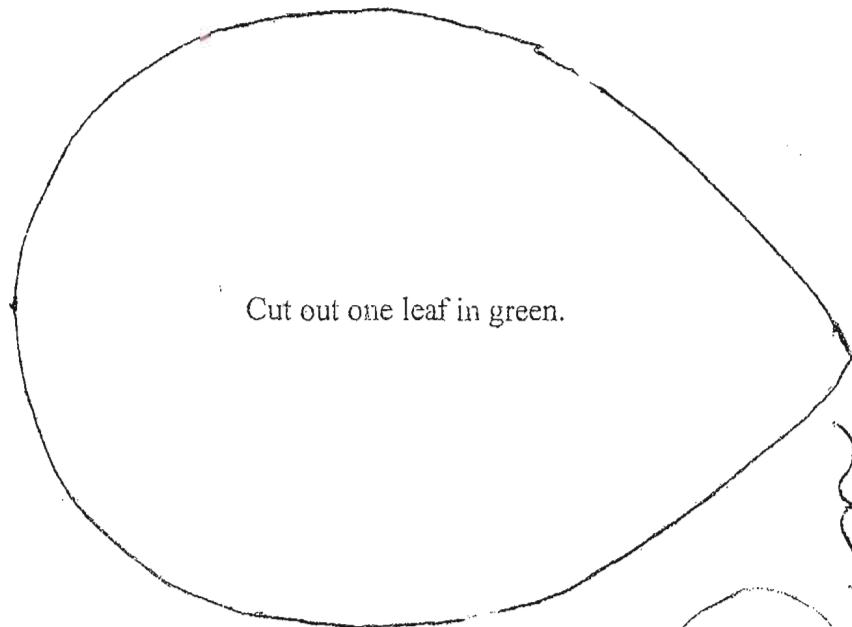
Trace onto the appropriate color of laminated construction paper.



Cut out 2 ovals in dark brown.

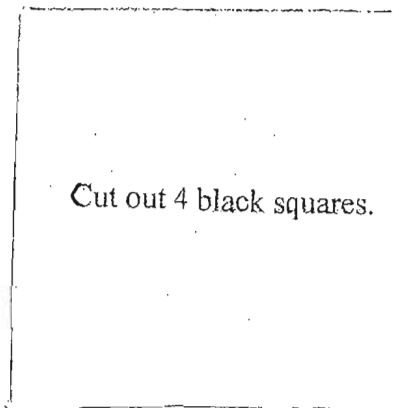
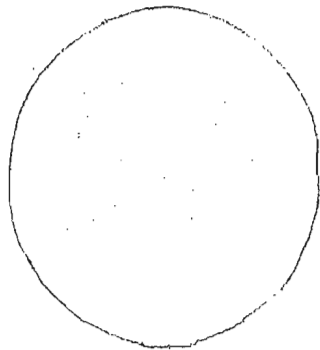


Cut out 1 heart in light brown.

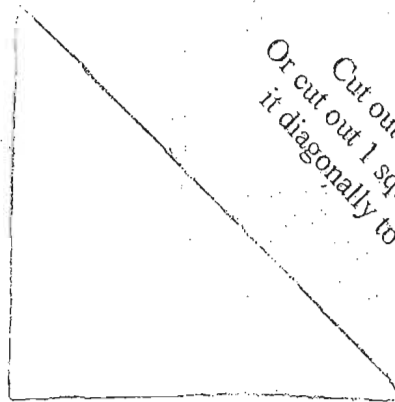


Cut out one leaf in green.

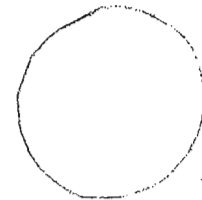
Cut out 1 circle in red.



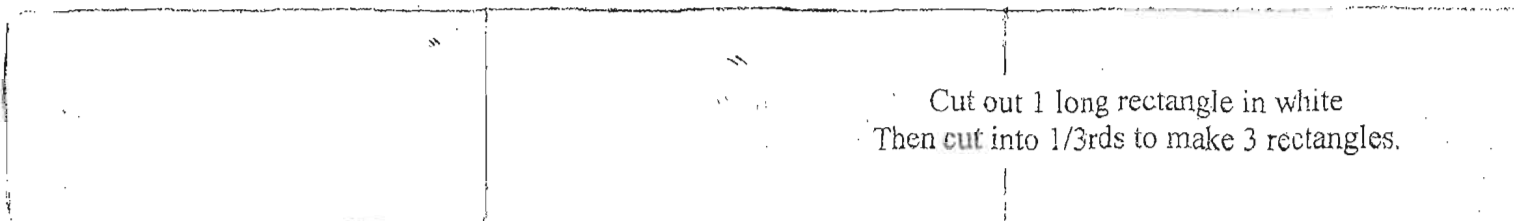
Cut out 4 black squares.



Cut out 2 triangles in purple.
Or cut out 1 square in purple, then cut it diagonally to make 2 triangles.



Cut out 2 circles in white.



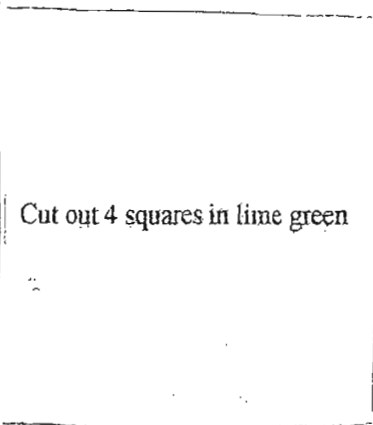
Cut out 1 long rectangle in white
Then cut into 1/3rds to make 3 rectangles.

Run off on cardstock.

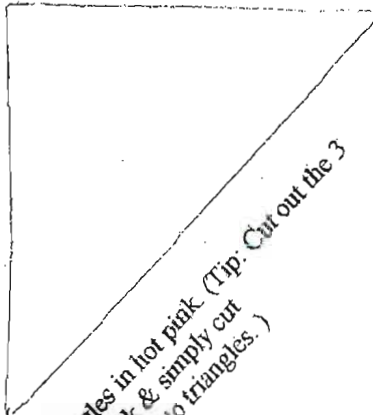
Cut the shapes out.

Trace onto the appropriate color of laminated construction paper.

Cut out 1 circle in orange

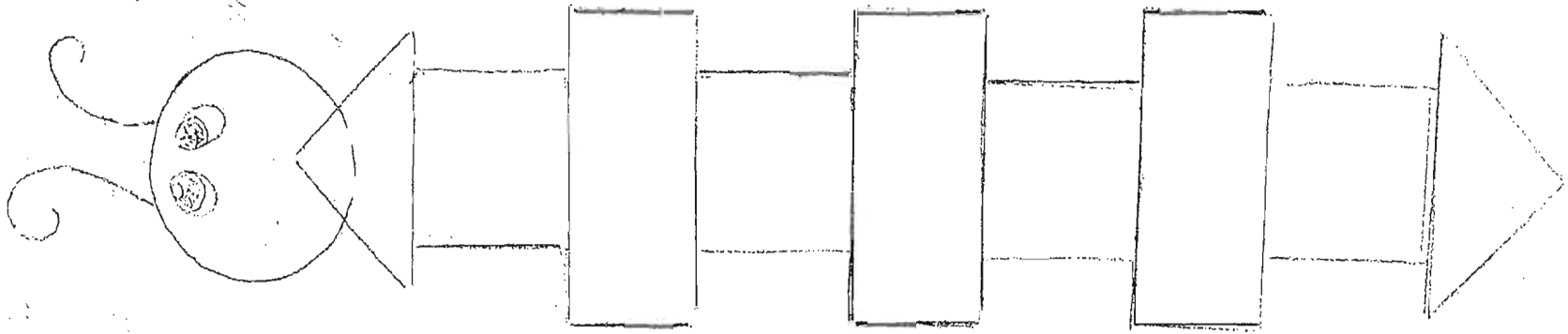


Cut out 1 long rectangle in royal blue
then cut into 1/3rds to make 3 rectangles.

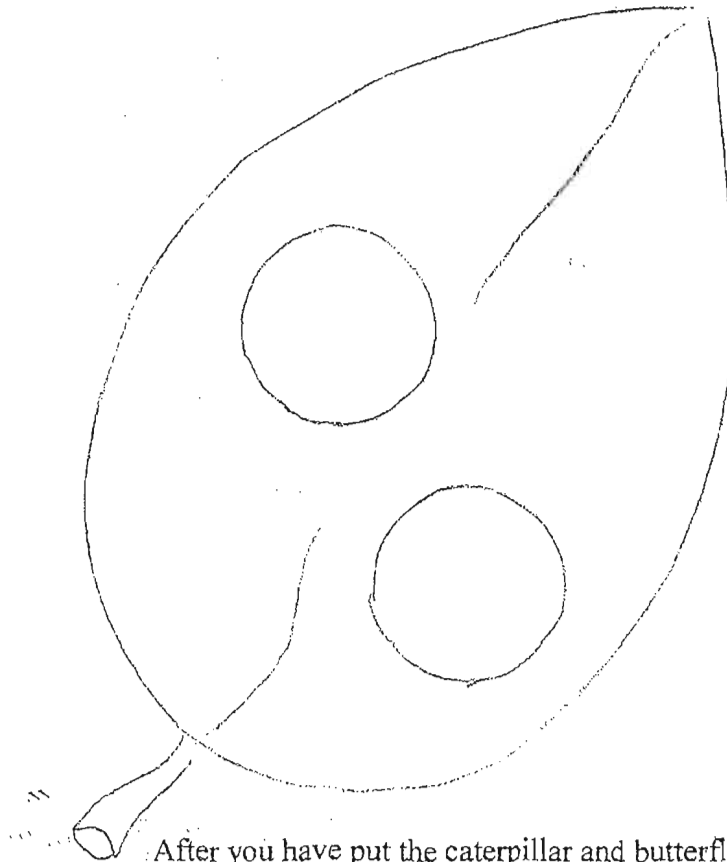
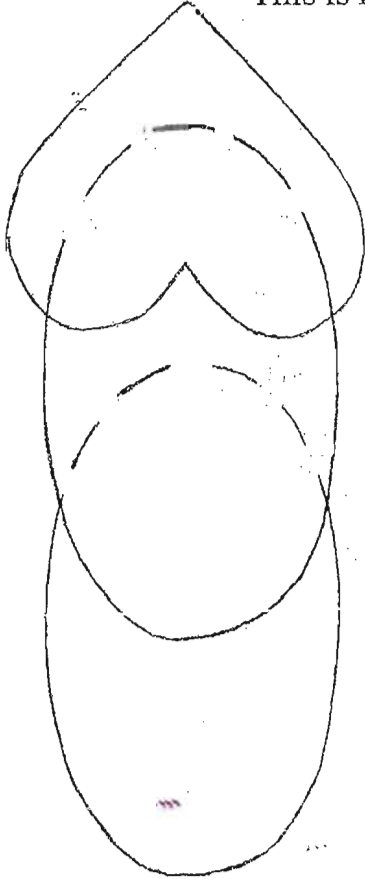


Butterfly Pieces

Cut out 2 hearts in yellow.

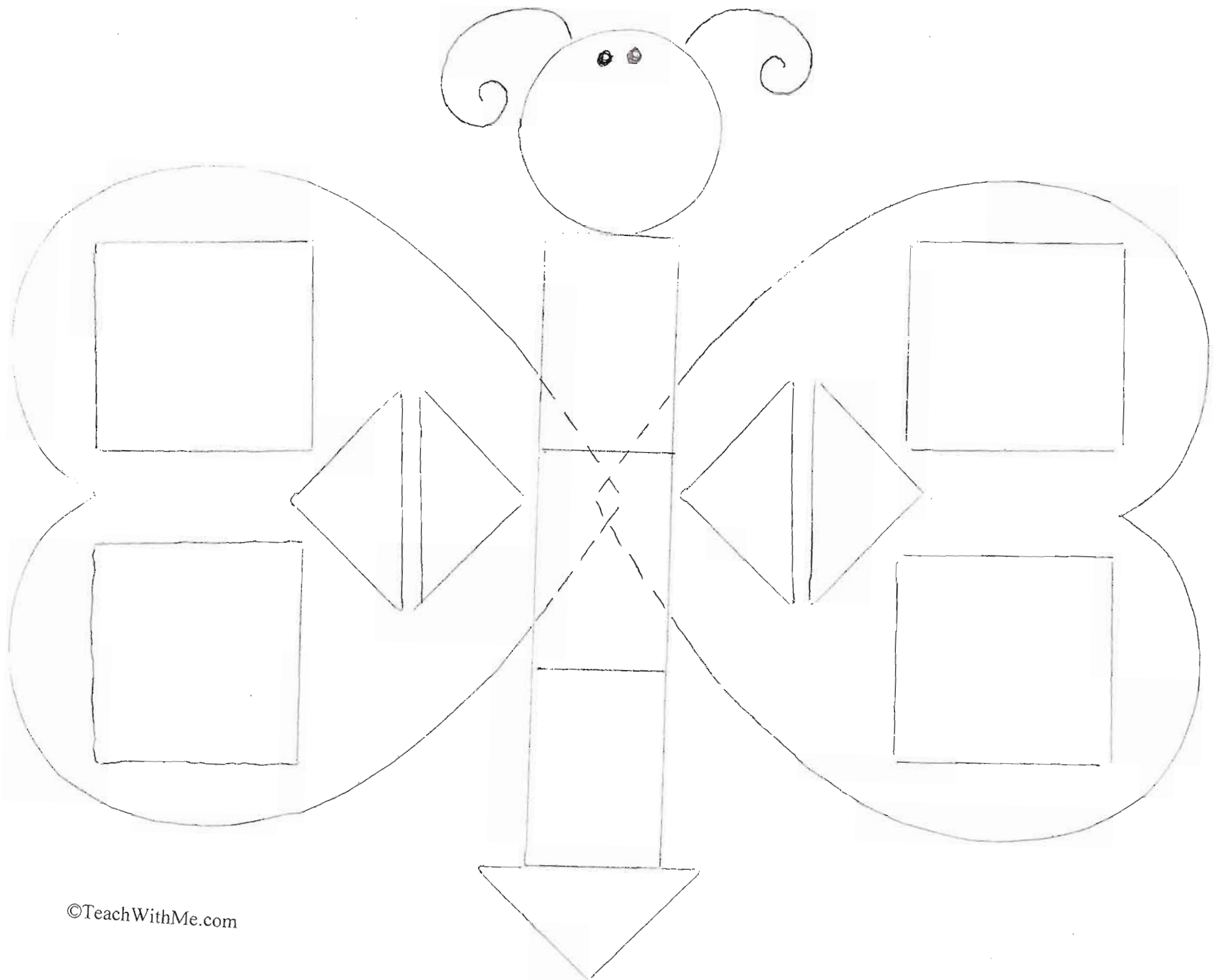


This is how the assembled pieces should look.



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After you have put the caterpillar and butterfly together, ask the children if there are other ways of assembling them? Pass out the pieces and see what kinds of combinations they can come up with. Remind them of symmetry for the butterfly.



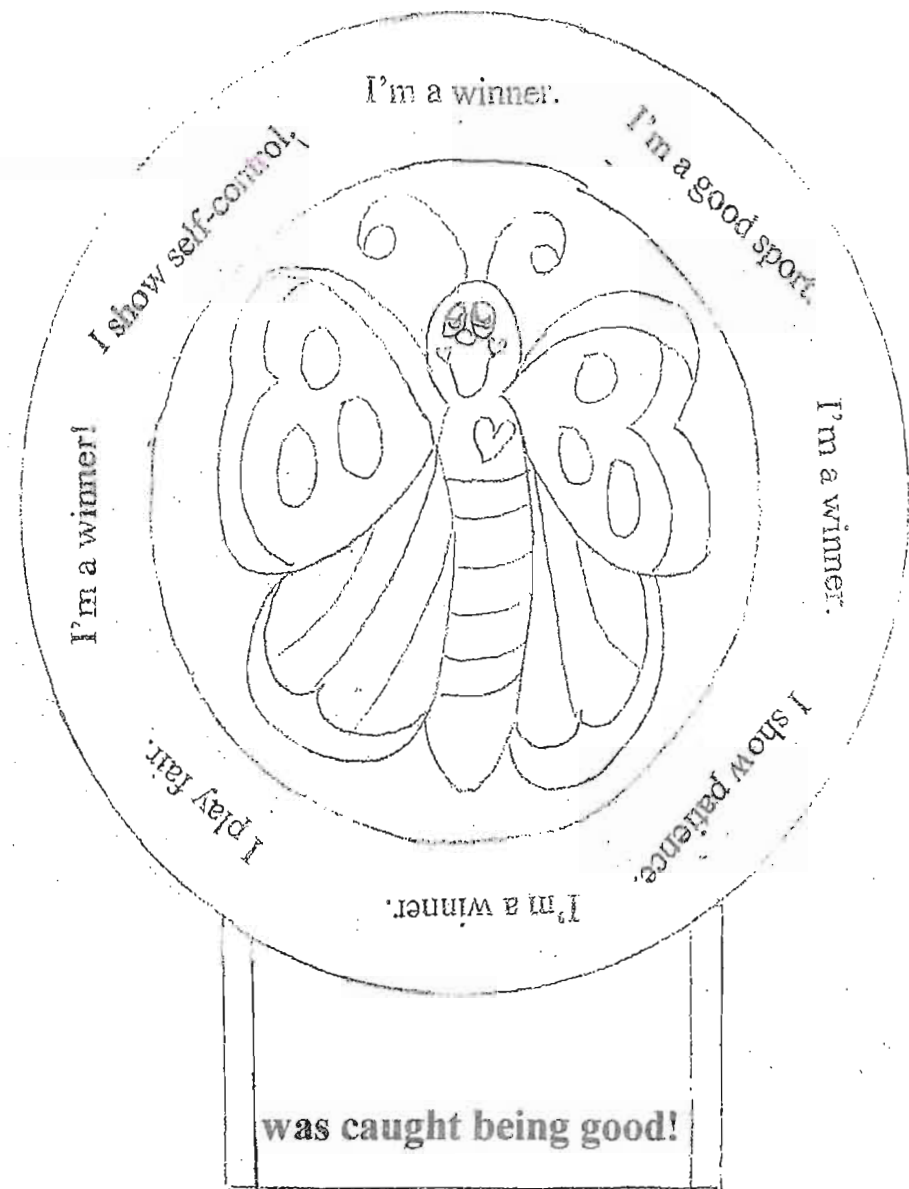
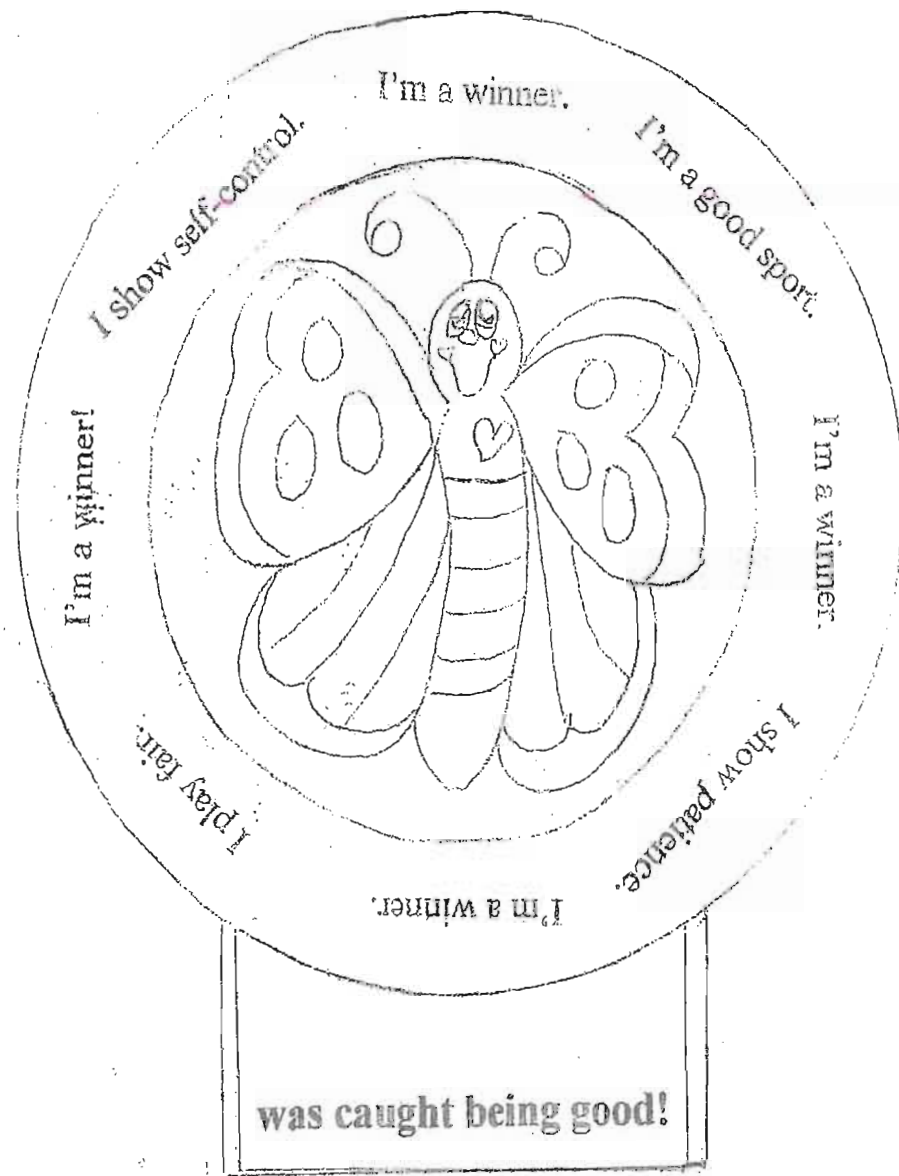
Tag! You're it.

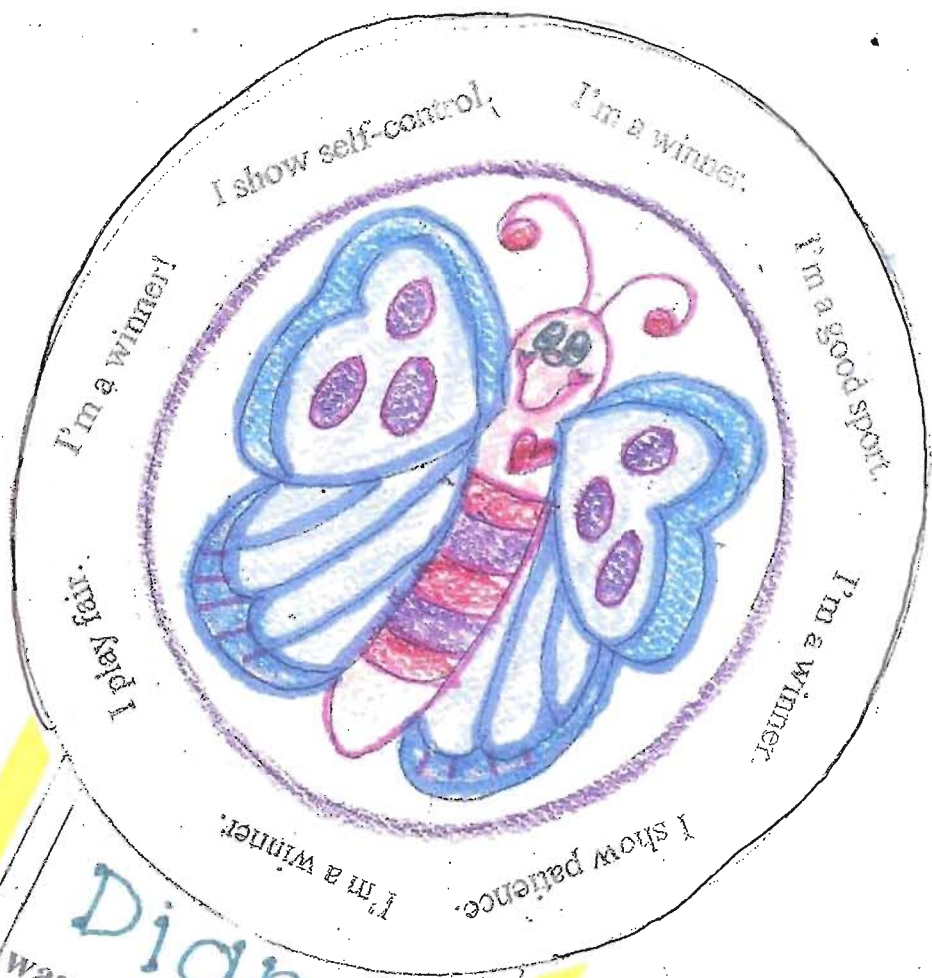
GAME TAGS

- Whenever I have a special theme day for the children we play 6-10 games for a 20-30 minute period.
- This involves our music and movement activities as well as our gross-motor skill time.
- I incorporate many of our other report card standards such as being able to catch and toss something, balance, hand-eye coordination etc. when I design a game.
- To make it a bit more fun and take some of the edge off competitiveness I pin a "game tag" on all of the children.
- Sometimes they make their own game tags as one of our centers. This would involve coloring, cutting, or gluing.
- I briefly demonstrate each game center to the children while they sit on our Circle of Friends carpet.
- I set up the various games around the room and have adult helpers manning the stations.
- So there's not over crowding to start with, I place 2-3 children at each game and then they rotate in a clockwise direction.
- As soon as everyone has taken their places I say "Ready-Set-Play!"
- Adults keep the flow moving and remind the children of where they go next.
- Children visit each one of the game centers.
- Every time they participate they get a sticker.
- I run off labels with a picture of whatever theme we are doing, and then cut these into strips for "instant" stickers.
- At the end of the game portion of our day the children have a wonderful collection of different stickers that makes for a great keepsake.
- Many of the children tell me they hang their game tag like a blue-ribbon on their bulletin board or refrigerators at home.
- Some say it's their bedtime-story bookmark.
- For certain games like sequencing number cards, putting together a puzzle the fastest, or getting the most beanbags or balls in a bucket etc. I give that adult a mini-class list so they can keep track of everyone's score and then circle the winner.
- I keep these score sheets in my assessment folder as they instantly tell me who takes a long time to do something or wasn't able to do it without assistance.
- The sheets show me how to pair up a strong child with a weaker one when I assign buddy-helpers when the children work in pairs.
- Sometimes the "winner" of the game will get 2 stickers, sometimes they will get a prize.

- I have a small basket filled with fast-food toys to choose a prize from.
- As an added learning/behavior incentive I collect these types of things all summer at garage sales and keep them in a plastic treasure box.
- Before we announce and award prizes, I remind the children that we are ALL winners because we were good sports, showed patience, self-control, played fair etc.
- I ask them:
- Did you like your stickers? Yes! Wow! They look great!
- Did you have fun? Yes!
- Do you want to play another game? Yes!
- Oh first we need to see who put the puzzle together, sequenced the life-cycle and number cards the fastest. I don't say who won the game, because we all did because we completed it.
- We all clap when we announce their names.
- We count to 10 while they choose a prize and take it to their lockers.
- While they're doing that, I get the other children ready for a group game like "What's missing?" "Hot Potato" "Pin The Nose On something" etc.
- So the tags don't get ripped and wet, the children take them to their backpacks at the end of game time.
- If I'm in a month where I don't have a party or special-theme day, I'll also use the game tag idea as a behavior modification and incentive technique.
- I do this for the 2 weeks we study butterflies.
- Children make their butterfly badges at a center writing their names on the back. They keep them on their desk.
- As they complete their table top and center work they get to choose a sticker for their tag.
- I collect them and pin them to them later when we are playing some afternoon games.
- Throughout the afternoon, I add to them as behavior modification "I like how Kelli is sitting. Thank you Kelli, here's a sticker."
- "Wow! Look how nicely Kathie is helping clean up. Thank you Kathie, here's a sticker." All of a sudden I have 20 children doing the desired behavior along with Kelli & Kathie.
- It's a great "super-duper-shutter-upper" on theme or party days as well, when children are a bit more hyper. ☺
- At the end of the day I collect the tags so we can use them again tomorrow.
- After I've used them in class a few times, I'll stick them on their lockers. When I catch them being good in the bathroom, hallway, or being the first one dressed and ready to go outside, I'll give them a sticker for their tag. It's a nice locker decoration and saves me the time of passing them out each day.

Game Tags





Didane
was caught being good!



Games

- These games are easy, inexpensive and fun to make.
- The children enjoy playing them.
- They are learning all sorts of life skills as well as report card standards.
- Because I use the same basic concept for each of my units, just switching them to the appropriate theme, the children become very familiar with them.
- I keep the various spinners in separate baggies and can then continually use them for the various themes. I store them in a big tub with a class-set of foam dice and clothespins.
- Most of these can be played in 5-10 minutes so they are wonderful time-fillers for those few extra transitional moments.
- They store nicely in Ziploc-Baggies so clean up and storage are a breeze.
- During the entire unit I have each game's baggies in one x-tra large bag, these are kept in white plastic baskets that the children can easily access for them to be used as Centers.
- Once a month I'll have a 45-minute block for "Game Day" The children will participate in a variety of games. Most of them are done with a group of 4. Their team simply rotates to the various game centers.
- Each child is given a Game Badge. The header for these badges happens to be whatever theme we are studying that month. Here it would be a butterfly.
- Once they have completed a game center they put that sticker on their badge. When they have played all the games and received all of the stickers they have a nice bookmark keepsake to take home.
- This is a great alternative to "prizes".
- I run off the stickers on labels and put them in plastic bowls at the game centers.

CCB (Caterpillar-Chrysalis-Butterfly)

- My version of *Duck-Duck-Goose*
- Children sit in a circle.
- All the children help them chant: Caterpillar-Chrysalis-Butterfly.
- The child who is tapped with the word butterfly runs after that child.
- Whether the child is caught or not, they go into their chrysalis (the center of the circle).
- Play continues 'til everyone has had a chance to run.

Butterfly Shape Spinning

- Copy enough spinners for a class set.
- Color and Laminate them.
- Attach a spinner with a brad. (Teacher stores sell real metal spinners, or you can use metal clock hands sold at craft stores, or simply use a large paper clip.)
- Run off copies of the butterfly. (I like to put 2 butterflies on my templates to not only conserve paper, but not have the children spend too much time coloring in the shape.
- Children play in groups of 2-4

- Each child takes a turn spinning. They color in that matching SHAPE with the matching COLOR crayon on their butterfly.
- I review SHAPES and COLORS with this lesson. My Young Fives know their colors in English, Spanish & Sign Language so game-playing is a great way for a “quick review”.
- So that all of the colors of the rainbow are represented, I have the children write their name VERTICALLY down the MIDDLE of the butterfly’s body in PURPLE.
- I also teach **Spatial Placement, Symmetry and Left & Right** with this game. Whatever they color on the LEFT has to also be colored on the RIGHT.
- If they have already spun that color they pass the spinner to the next child.
- Play continues ‘til one child has all of their shapes colored in.
- I give everyone a butterfly sticker if they have showed “good sportsmanship”. The “winner” gets two stickers. They put these right on their papers.
- You can make the game last longer, by having them only color one side in first, then the next. (Because I’m teaching my Y5’s to always start on the LEFT side of the paper, that’s the side I want them to color first.)
- Higher grades can program the plain butterfly template with upper-grade shapes like hexagons and octagons etc.

Life Cycle Circle

- Children sit in a circle.
- Choose a Leader.
- In the fashion of Duck-Duck-Goose, the child goes around touching a child’s head.
- Everyone chants the butterfly’s life-cycle.
- Egg-Caterpillar-Chrysalis-Butterfly.
- The child, who is tapped by the word Butterfly, flaps her wings and flies behind the leader.
- Everyone chants the butterfly’s life-cycle again.
- Play continues ‘til only one butterfly is left.

This is a fun and easy way for the children to learn the sequence of the butterfly’s life cycle as well as the correct pronunciation of the vocabulary words.

Toilet Paper-Chrysalis Relay

- Lots of giggling with this game.
- Divide the class into two teams.
- Choose one child from each team to be the caterpillar.
- The rest of their team wraps them in a toilet paper chrysalis
- The 1st team to have their caterpillar completely wrapped wins!

Speed!

- I use this technique in every sequence or pattern I want my students to learn.
- They love it!

- They learn quickly because they concentrate more, because they want to win.
- While 2 people are playing, that pattern or sequence is also going on in the other children's heads. Since we play 'til everyone has a turn the repetition is a catalyst for retention. Seeing a concept happen before their eyes makes the concept stick.
- Anyone not getting it right, is still encouraged as others help them correct their mistakes.
- It's a great filler for just a few minutes time.
- Instead of everyone getting a turn, play 'til it's time to transition.

Butterfly Speed:

- **InsectLore.com** has brightly colored life cycle plastic pieces.
- These are great sorting manipulatives and double for my speed games.
- I put a complete set of one color, in a Ziploc Snack Baggy
- Children choose a partner and play Speed against each other.
- I keep 2 sets out on my desk for play for a few minutes each day while all the children watch.
- Say Ready-Set-Fly! Children arrange the manipulatives in correct lifecycle order: Egg-Caterpillar-Chrysalis-Butterfly
- If you don't want to order the manipulatives, you can simply copy my life cycle cards and laminate them. Children play the game using the cards.
- I'm also teaching a rainbow theme in April. Speed works perfect here as well.
- To reinforce the color order of the rainbow, I bought 1 ½ inch colored wooden blocks and bagged a set for each student to play with.
- Children can play speed against a partner, we can play as a whole group, or we can use as thee time filler above and choose 2 children to play while the others watch.
- You say Ready-Set-Color! The children arrange the blocks in ROYGBP color order.
- I also play Speed with laminated number cards, having children put them in numerical order.
- Your students will beg you to play "Speed"

Butterfly Life Cycle Spin

- Using the same manipulatives above, I give a different color set to each player.
- They spin the spinner and whatever portion of the life cycle that they land on, they place it on their Life-Cycle Plate.
- If you don't have the manipulatives, run off copies of the "pie pieces" and the children can place those on their plate.
- The first child with their life cycle completed wins the game.
- Another version of this game is just giving the children a copy of the pie plate. They color the life-cycle as they spin it.
- To make the game more difficult for older children, they must spin the CORRECT order. i.e., they have to spin the egg 1st then the caterpillar etc.

What's Missing?

- I also use these lifecycle manipulatives to play the *What's Missing?* game.
- Children sit in a circle.
- In the middle of the circle, on a large laminated tag board leaf I lay the life cycle pieces.
- Using another laminated leaf, I cover the pieces and slip my hand under
- I tell the children to close their eyes, then I take one of the pieces away.
- I use the “cover leaf” as extra protection from peekers.
- I tell them to open their eyes and they guess what piece is missing.
- Play just for fun, or give the winning child a sticker. If they are really adept at this, I make it harder by adding 2 of each piece. Each set is a different color. They are all mixed up on the leaf-mat.

Life Cycle Relay:

- Divide the class into teams, with 5 children on a team.
- These children line up in two lines.
- Give each team a set of “Life Cycle Manipulatives” (InsectLore.com) and a spoon.
- The 1st child on each team puts the egg on their spoon. Everyone on their team yells EGG! That child races ahead, and around the laminated tag board leaf on the floor, back to the next child who is holding the caterpillar.
- They put the caterpillar in the spoon, everyone yells CATERPILLAR! They race forward, around the leaf and back to the next child who puts the chrysalis in the spoon.
- Everyone yells CHRYSALIS! They race back to the child who is holding the butterfly. Everyone yells METAMORPHOSIS, then BUTTERFLY!
- Finally, to show that this is truly a cycle, the butterfly child races back to the one holding the egg, who then races around the leaf and home to their cheering team.
- The 1st team to complete the cycle wins!
- Play ‘til all the teams have a chance to play.

Butterfly Body Parts

Spin & Color

- Run off and laminate the spinners.
- These can be plain, and the children can choose their color, or they can be colored where children would color that body part on their paper, the matching color of the spinner one.
- Run off a class set of the masters.
- Children play in groups of 4.
- Children take turns spinning the spinner.
- On their paper, they COLOR what ever body part that they spun.
- The first child with all of their “BBP’s” (butterfly body parts) colored in, is the winner.

Butterfly Buddy-Bingo-Dot Game:

- Children roll the dice.
- Using a Bingo-Dot dabber, children fill in that numbered spot.
- The first child with all of their numbers filled in is the winner.
- Children could also simply color in the circles with a crayon, or yellow-highlighter. I find that the bingo dotters are a fun change and helps reinforce hand-eye coordination.

Roll & Clip

- Run off a class set of butterflies on a variety of colored construction paper.
- Laminate the papers then cut out the butterflies.
- Cut a thin notch in the top of the butterfly's body so you can slide a round-head clothespin down the center of the butterfly forming a thorax. If you cut the slit small enough the clothespin will stay in place. Otherwise, use 2-3 glue dots so it will stick to the laminate.
- Add some eyes and other details with colored markers.
- Wrap ½ of a pipe cleaner around the "head" to form antennae.
- Buy enough small colored clip clothespins to make a class set of butterfly games.
- There are 6 colors. I use one for each number. To help younger students with identification, I add dots (1-6) on the top of the clothespins.
- Children play in groups of 2-4 and take turns rolling the dice.
- Whatever number they roll they clip that clothespin to the matching number on the butterfly's wing. They clip the clothespin in such a way so that they take the shape of the wings. (The clothespins are "splayed".)
- If a child already has that number clipped, the dice goes to the next child.
- The first child to clip all of the numbers on their butterfly is the winner.
- Store the butterfly and its clothespins in small, individual zip lock baggies.
- You can make this easier for you with little prep time, by simply using regular clothespins.
- I keep a large bucket of regular clip clothespins in my "game closet" to use for various games.

Wake Up & Wiggle

- Children crawl around like caterpillars.
- Call out "Chrysalis!"
- Children curl up in a ball and freeze
- Call out "Metamorphosis! Wake up and wiggle"
- They stretch and yawn and climb out of their chrysalis
- Call out "Fly little butterflies, fly!"
- Children flutter around the room.
- I use this concept in January when theSy're snowflakes. I hold up a snowflake with the word FREEZE on it, and a big yellow sun with the word MELT on it. The snowflakes dance around 'til I call out freeze and then flutter to the ground when I say melt. I also have a picture of a bear sleeping in a cave with the word hibernate on it, as well as a big brown bear for the "Wake up and wiggle!" part.

Store Bought Games

Candy Land transformed into Butterfly Land

- I find that most teachers are also queens of garage sales. Children's games are always available for just a few dollars.
- I pick up a "class set" of my favorite games so that all my students can play at the same time. i.e., I have 5 ***Candy Land*** games.
- My students sit at long tables, with 4 children at a table.
- Each table has their own game.
- For easy storage, I keep one box and store all 5 sets in it. The playing boards lay flat, with each game's pieces in a baggy.
- I play the "normal" Candy Land game in December. For all the rest of the months I add "themed pieces".
- On each special Candy Land area I have a white Velcro dot.
- For my Butterfly Unit I cover the Candy Land Character's with laminated Velcro Life Cycle pieces. I pull those special Candy Land Cards & substitute the life cycle cards.
- As a great sorting extension and time saver for me, the children pull the special cards and put them in a baggy.
- If you're ambitious you can make special cards for many of your units.
- The children enjoy this extra twist and they are reinforcing science facts while they play.
- I also have a class set of *Chutes & Ladders* & *Hi Ho Cherry Oh*, stored in the same fashion. For September I have the children pretend the cherries are apples, and then in February when Washington cuts down the cherry tree we're back to normal.

Elefun Is a Milton Bradley toy that sells for \$19.95, but can be picked up at a garage sale. He is an adorable battery-operated blue elephant. When turned on, his trunk inflates to 4 feet, and butterflies come shooting out. My little ones love sitting in a circle hoping a butterfly of happiness lands on them. Or let them stand up and try and grab the butterflies with their hands. Four nets are also provided. How many butterflies did you catch?

New versions of old-time favorites

4-Corners becomes...

Egg-Caterpillar-Chrysalis-Butterfly

- Laminate the life cycle cards and place them in the four corners of your room.
- For added shape & color reinforcement, cut them out and glue them to a colored rectangle, triangle, circle and square.
- Choose a child to be "it"
- Cover their eyes
- Count from 10-0 to reinforce that standard
- "butterflies" fly to a corner
- When you get to 0 say "Freeze!"

- Anyone still moving or not in a corner, is out and must sit on the “chrysalis” carpet.
- “It” chooses a lifecycle corner, any children in that corner, are now caterpillars and crawl in the chrysalis. (This is my big oval carpeted area.)
- Play continues ‘til only one butterfly is left.
- I revamp this game to fit my various themes. For example, for my spider unit I call this game “Spider-Fly” The “it” child is the spider, the rest flies, when they are caught they come sit on the “web”.
- This is a great game to get the wiggles out. We play it with the lights off for a quieting time. The 2-3 minute duration makes it a super transition activity or time filler.

Simon Says becomes...Madam Butterfly Says:

- You can whole-group assess while playing this game.
- Children use their LEFT/RIGHT manipulative butterfly for this game.
- This is a spatial placement version of *Simon Says*.
- You are Madam Butterfly.
- Madam Butterfly says: “*Put your butterfly in your right hand. Put your butterfly ABOVE your head, BEHIND your back, UNDER your chin.*” etc.
- This is also a fun way to reinforce the vocabulary of more difficult body parts. i.e. *Put your butterfly ON your FOREHEAD, ANKLE, WAIST, HIP, WRIST, KNEE, SHIN, THROAT etc.*

Tic Tac Toe

- Run off the master butterfly grid on a variety of construction paper. I do 10 so that 20 children can play.
- You can cut the grids into the butterfly shape or leave like a mat.
- Laminate 5 additional colors then using a butterfly punch, punch out 10 butterflies (5 of one color 5 of a contrasting color) to be used as playing pieces.
- If you don’t have a butterfly punch you can use a heart one and glue the two together.
- The playing pieces could also be laminated squares with caterpillars or butterfly pictures on them.
- I have also used the lifecycle manipulatives, unifix cubes or tetrominoes for game pieces.
- Pasting stickers on milk caps or poker chips is also another way to make playing pieces.
- Tape a small envelope to the back of each grid to be used as a pocket to keep the playing pieces in. Close it shut with a reusable sticker dot.
- You could also simply laminate a regular shaped grid and keep these in a “game closet”. Then change the themed pieces for whatever theme you’re studying. The playing pieces are kept with that particular unit.
- You could also run off the master and have the children color their own game pieces, or simply snip construction paper strips into squares, and put in a baggie. Children can then keep their own game to take home and play there.

- As you can see this easy and simple game can be themed into whatever unit you are studying and the children enjoy playing it.
- I like that it's a quick 5-minute fill-in with easy clean up that helps expand their thinking, concentration and attention spans! Picking up the pieces is a great fine-motor skill as well.

Memory Match

Using my art work, Color Copy & Laminate one set or a class set so that they can play in groups of 3 on their tummies.

Duck-Duck-Goose becomes...

Caterpillar-Chrysalis-Butterfly

When children are tagged they fly instead of run, by flapping their wings.

Who Took The Cookie From The Cookie Jar becomes...

Who Took The Butterfly From The Chrysalis

Doggy Doggy Who's Got Your Bone becomes...

Kelli Kelli Who Took Your Caterpillar (Substitute children's names.)

See special Whole-Group Life Cycle Activity entitle ***Paper Bag Chrysalis***.

Hot Potato becomes...

Hot Butterfly

I add a more complicated twist to this, which gets pretty hysterical, by passing 4 things.

- I made a white bean bag egg and a brown chrysalis from felt, filled with un-popped popcorn. I also have a stuffed caterpillar and stuffed butterfly.
- All 4 objects are staggered and put into play.
- Children really have to pay attention.
- When the music stops 4 children are then out.
- This is great if you have only a short amount of time, because it goes fast.
- I play Beethoven's *Flight of the Bumble Bee*.
- All of these games can be tweaked to fit any of your themes. Like "Hot Pumpkin" and who stole the pumpkin from the pumpkin patch etc.

Flying Rainbows On A Roll

- To make a game, run off and laminate 20 copies of the master sheet on rainbow-printed paper available in any office supply store.
- Laminate sheets of red, orange, yellow, green, blue and purple construction paper.
- Using a punch, Ellison or Sizzix die cut machine and butterfly die cut, make a set of rainbow butterflies for each student. If you don't have access to any of the above, make a template and send the tracing and cutting job home with an At-Home Helper.
- After you have the pieces cut out, number them 1-6. The red butterfly should be the number 1.
- Put each student's set in a snack baggie and seal it shut.
- Children roll the dice.

- If they roll a 1 they take the number 1 red butterfly out of their bag and put it on the corresponding number on their rainbow playing sheet.
- The first one to get all of their “rainbows” flying is the winner.
- You can make the game harder, and take more time, by stating they must roll a 1 first, then a 2 etc. with the last butterfly placed on the mat being purple in color.
- I glue one together to hang as a sample for children to look at.

Copier Version

- If you don't want to make a “manipulative” set, simply run off the copier-version master and have the children color in the correct numbered butterfly with the appropriate colored crayon.
- Because my little ones can't read the directions, I color a sample and put it on the white board.

TIP: Because tracing is such a great thing to practice, whenever I have my children color something, I have them TRACE around the edges. The darker edge also helps them stay within the lines when they color the “inside portion” lightly.

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Caterpillar Coins - Win With A Spin:

- Run off the Coin Caterpillar and spinner masters on cardstock, laminate and cut out.
- Fasten a brad and spinner or paperclip to the center to make a spinner.
- Set cups of play money on the center of the tables.
- Children play in groups of 4.
- Children spin the spinner and place the appropriate coin on their caterpillar.
- Children need to identify the coin.
- The first child to completely cover their caterpillar is the winner.
- As a bonus prize, ask older children the value of their caterpillar.
(.43¢)
- Play this game after the children complete their Money Monarch and other Caterpillar Coin skill sheets.
- To reinforce sight recognition and increase finger dexterity I use the plastic money and the laminated coin caterpillars on the first day. Then, because the children love playing this game, I run off a class set of the caterpillars on regular white paper and give each child their own caterpillar. I have a class-set of copper and silver-colored crayons that I lay on each table. Children spin and TRACE the circle then color in the appropriate coin the correct color. This helps them remember the different colors of the coins, as well as give them practice drawing circles.
- Winners choose a coin sticker and put it on their paper.

Fraction Action:

- You can play this game several ways.
- I set this up as a center and then after the children have completed their project, we play the game.
- If you make 5 spinners, 20 children can play in groups of 4.

- Children spin the spinner, and whatever lifecycle they land on, they may put that piece of pie on their own plate.
- You can make the game harder, by telling them they must go in numerical order.
- The first one with a completed lifecycle is the winner.
- You could also make this a “Speed” game and have the children play against each other, not using the spinner at all.
- Each child takes their pie pieces off of their whole plate and mixes them up.
- Someone says “Go!” and the children put their lifecycle pieces in the correct order. The first one done correctly wins.
- Because I follow a rainbow-color theme during my butterfly unit, my pie pieces were cut from colored plates. They are thicker and more durable. Because I had to buy the plates in packs, I also have a plain set when I want to simply do colors.
- It’s a bit more money invested, but you can keep and re-use them each year, for a variety of your units.

Time-Saving TIP:

- Get parents and grandparents involved in helping you cut out, glue, or assemble things for you.
- At the beginning of each school year, I send home an “I Can Help” checklist-letter in my “Welcome To School” packet that I send to my students 2 weeks before school starts. (See Sample)
- Parents are instructed to bring this letter to Open House with them. I can instantly get started sending things home the first week of school.
- I have a metal mesh basket labeled “I Can Help” on a table.
- Next to that table, I have a box filled with a few “Honey Do” At-Home-Helper things at Open House.
- Above the box, I have a poster listing the projects that’s titled: I took _____ home.
- When I’m dreaming up games or some other lesson that involves a bit of time, I check my “I Can Help” sheets to see who volunteered to be an At-Home helper.
- Then I send the supplies, instructions with step-by-step directions, a finished sample, and a thank you note with the due date.
- I put these things in handled bags made out of heavy material that I have puffy painted “At Home Helper” on. (See photograph). I have 6 of these.
- Most of the time the bag fits into the children’s backpacks, if not, they can easily carry them.
- If I just need flat construction paper pieces cut out, I simply put those in my protective, plastic “At-Home-Helper” **envelopes** that fit perfectly in a back pack. (See Sample)
- I have a Monthly Master List where I write down who I sent what to on. (See Sample)
- These sorts of games are the perfect things to send home as At-Home-Helper projects.
- Check inside the **AT-Home plastic envelope** for the above **samples**.

Butterfly Hunt

- One of the nice things about butterflies is that they are popular in the retail world. They are found in abundance on cards, wrapping paper, wallpaper, stickers, calendars etc.
- Purchase 2 decks of cards with a butterfly motif on them.
- While the children are at recess scatter them around the room.
- When they come in, give them all a “collection” bag.
- Tell them they are going on a butterfly hunt.
- When they find a butterfly card they put it in their collection bag.
- When all the cards are found they come to the circle-time carpet and count their cards.
- When everyone is done counting I call out a number, starting with 1 and working my way up.
- When a child has that many cards they bring them to me.
- Finally we reach the person who has the most cards.
- We all help them recount them.
- They win a prize, everyone gets a sticker for participating and I’ve had a great mini-math lesson and fun game in about 7 minutes!
- I play this for every theme.
- Sometimes I’ve cut up greeting cards or invitations. Paint-card samples that have a shape or a cartoon character on them are great too. I use the brightly-colored paint card samples for our Color Hunt.

Put and Take

- Run off a class set of the butterfly template on construction paper. I chose hot pink for a vibrant look.
- Laminate them.
- Initially, it’s a bit more time consuming, but it’s nice if you make each one of the butterflies a different color.
- The shape pieces for the thorax could also be a different color. If you do that, make your spinner shapes black.
- If your thorax colors are all the same, have your spinners represent that.
- Run off 20 white thoraxes.
- Laminate them.
- Cut them out.
- Run off 5 spinners. (This is enough for 20 children in groups of 4 to play the game.)
- Cut them out.
- Using the templates, cut out and glue the colored shapes to the spinners that match the colors of the shapes that you will use on your thorax.
- Laminate them
- Punch a hole in the center and using a brad fasten a spinner or paperclip to the center.
- Because of the design, the “pie” spinner is not exactly in 1/4ths.

- Laminate the construction paper you want to use for the shapes. I used turquoise, yellow, lime green, and orange.
- Make a template of each shape and have a room-helper trace once, then cut out 3-4 shapes at a time.
- Put one of each shape in a snack baggie.
- Since the children will be playing in groups of 4, put 4 snack baggies in a large baggie along with one spinner.
- Keep the templates in a file folder.
- Pass out the butterfly templates, thoraxes and baggies.
- Children place their thorax on the butterfly. (I keep these separate instead of gluing them to the butterfly, because they are easier to store.)
- If you find that little ones have a hard time keeping them in place, put a Velcro dot on the back of the thorax that matches up to the front of the butterfly.
- Children spin the spinner.
- If they land on a triangle with a + sign they get to take that piece out of their baggie and put it on that shape on the butterfly's thorax.
- If they land on the triangle with a – sign, they have to take that piece off of their butterfly and put it back in the bag.
- If they did not have that piece on their butterfly yet, they simply pass the spinner to the next child.
- If the spinner's point does not land exactly on either shape in that quadrant, they may choose which one they want to do.
- To reinforce math vocabulary, I have them say the words PLUS, ADD, PUT as well as MINUS, SUBTRACT and TAKE AWAY when they land on the symbols.
- For example, Kelli spins a + triangle she'd say: *"I landed on the PLUS sign. I get to ADD the triangle to my butterfly and PUT it on the thorax."* or... *"I landed on the MINUS sign, I have to SUBTRACT the triangle and TAKE it AWAY from the thorax."*
- Help little ones get the hang of this, by saying it with them. Since I play Put & Take with them for all of my themes, they are breezing through the vocabulary in no time. I'm also getting them to learn the science vocabulary word thorax or any other words I might have them working on, depending on the theme.

Eggs On a Leaf Counting.

- Using the same leaf template from the 10 Little Eggs Song, I made a new template with circles on leaves 1-5.
- Run off the master on green construction paper.
- Laminate them.
- Cut them out.
- Put a scratchy-side, peel-and-stick Velcro dot to each of the circles.
- Put the leaves in a baggie.
- Put 20 white pompoms in another baggie. (5 extra incase some get lost.)
- Put both baggies in a large baggie.
- Children count out the pompoms and put them on the dots, saying the number and then counting the pompom eggs.

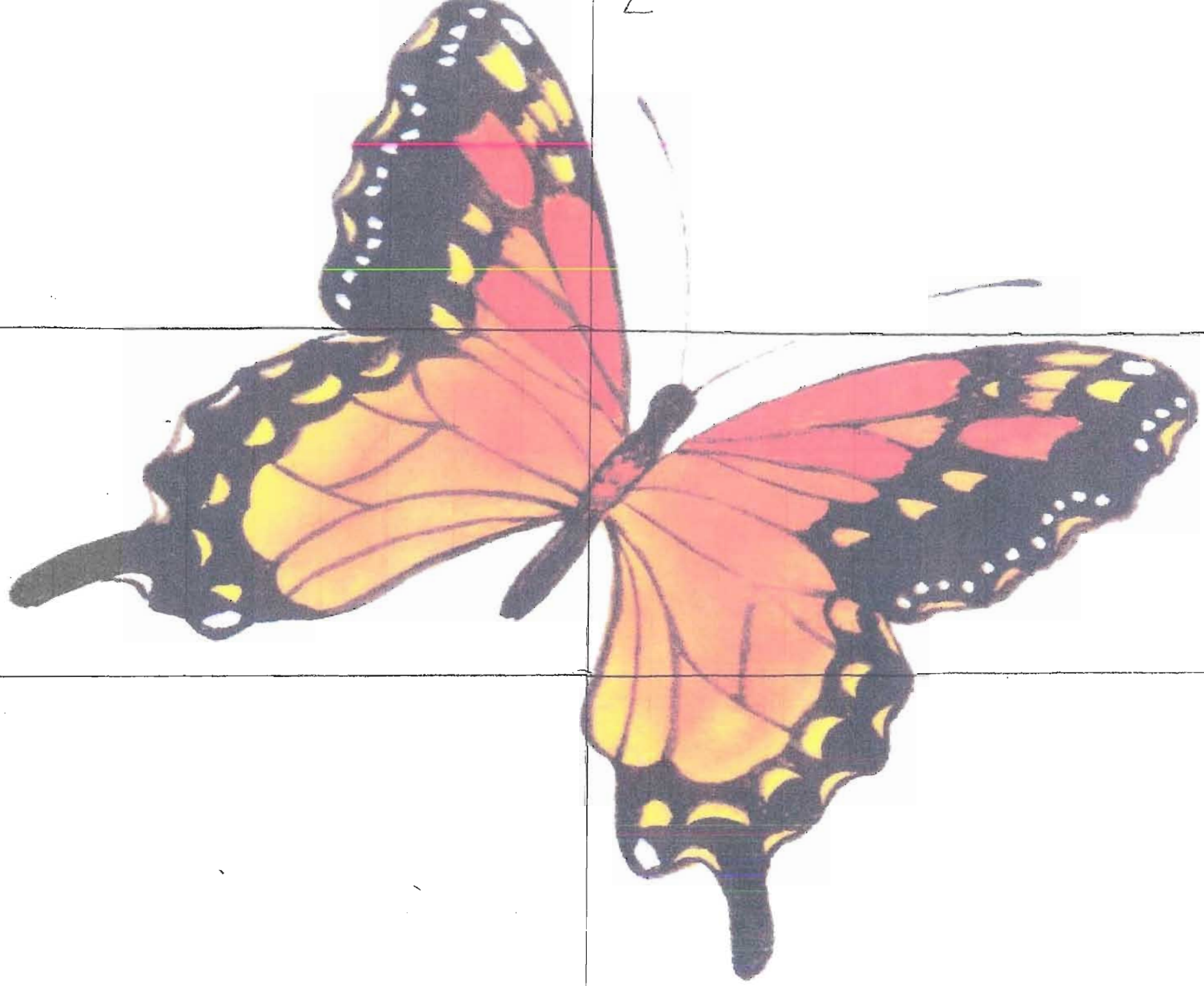
- I made the vein on the leaves look like a plus + sign.
- Older children can add as they place the pompoms on the leaves.
- 2 eggs + 2 more eggs make 4 eggs.
- I even do this simple addition with my Young Fives.
- The children can do this independently at a center or ...
- you can put magnet strip on the back of the leaves and do it as a finger-play counting song on the white board, passing the pompoms out to the children, who will be called on to add an egg.
- You can do subtraction this way too, by taking away the eggs.
- I have given my 1st graders these leaves. I call on one leaf-child to come up, she calls on another.
- If the number she calls on is greater than her number, we add. I give the +-sign leaf to a child and she comes up.
- If it's less than that child's number, we subtract and a – sign leaf child comes up.
- You can even continue the equation with a third child.
- For this addition and subtraction game I use all of the leaves from the 10 Little Eggs song, plus the minus, plus and equal sign leaves.
- The children love this visual review of addition and subtraction.
- You can make it even more exciting by making it competitive. Divide the class into teams. The first team to raise their hand with the correct number gets a point for their team. Play to 10 points, or whatever time allows.

Butterfly Bucket:

- Pick up a cute bucket at the dollar store and hot-glue laminated 3-D butterflies on it. You could also stencil some on using paint that adheres to plastic, or put butterfly stickers all over it.
- Through out the day, each time my students find something in our day that begins with the letter B they say: "Barbie begins with B. Let's put the Barbie B-word in the Butterfly Bucket. B-buh-Barbie!"
- I have multi-colored index cards close to the white board. I write the word on the board and then on an index card. The children help me spell it. The child who discovered the word gets to put it in the bucket. I have 2 buckets, one for each class. The class that has the most B words by the time the caterpillars become butterflies gets a prize.
- Older students can sit in a circle and pass the bucket around taking a word out and reading it.

Pretty Puzzles

- This is a very easy game to make a class-set of.
- The children really enjoy playing it, and you can make a set for every theme.
- Download clipart or photographs from a computer program or the Internet.
- Drag the pictures to enlarge them to the full size of the typing paper.
- Using a ruler draw lines so that you are dividing the paper into 6 pieces.
- Number the pieces starting at the TOP/LEFT and moving to the TOP/RIGHT etc.
- To save time, I drew lines and put numbers on each one of the 4 different butterflies, then I printed them off on my color-copier so that I wouldn't have to trace lines and number 20 puzzles.
- Laminate the pieces.
- Put each Picture Puzzle in a SNACK-size baggie.
- Because children play in groups of 4, I put 4 different picture puzzle snack bags in a large bag. I have 5 large bags with 4 little bags in them for a class set.
- The children roll the dice; whatever number they roll they take that puzzle piece out of their bag and place it on the table.
- Younger children may need a grid to follow so they get the numbered cards in the correct spot.
- Run off enough copies from the master to make a class set, and then laminate them.
- You can keep the grids in a file folder in your game cupboard so they are handy each month when you have another theme.
- To save on ink from color copying 20 pictures, I use old calendars, magazine pictures, and cards.
- 5x7 boxed cards are perfect! I've found them picturing all kinds of themes.
- Make a class set using Christmas cards.
- I have a different butterfly puzzle for each child at that table so that the pictures don't get mixed up, but sometimes they all have the same puzzle cards. Make sure they are careful getting their puzzle back into the baggie when they are done playing.
- I have also taken the children's photograph, mounted it on construction paper, laminated it and then cut it into sixths. They are delighted to see that it is a puzzle of them!
- Elison also has a puzzle piece die-cut that I've used for their photo too. These look like real rounded-edged puzzle pieces.
- The Dollar Store sells 20 dice for a buck so I include a dice with their picture puzzle in the snack bag. They are thrilled to take their little gift home and play it with their family.
- I keep all the snack baggies in one large baggy.
- A tub of dice is always in the game cupboard for easy access.
- All the themed games are kept in a large file box labeled games and stored with the other boxes for that particular unit.

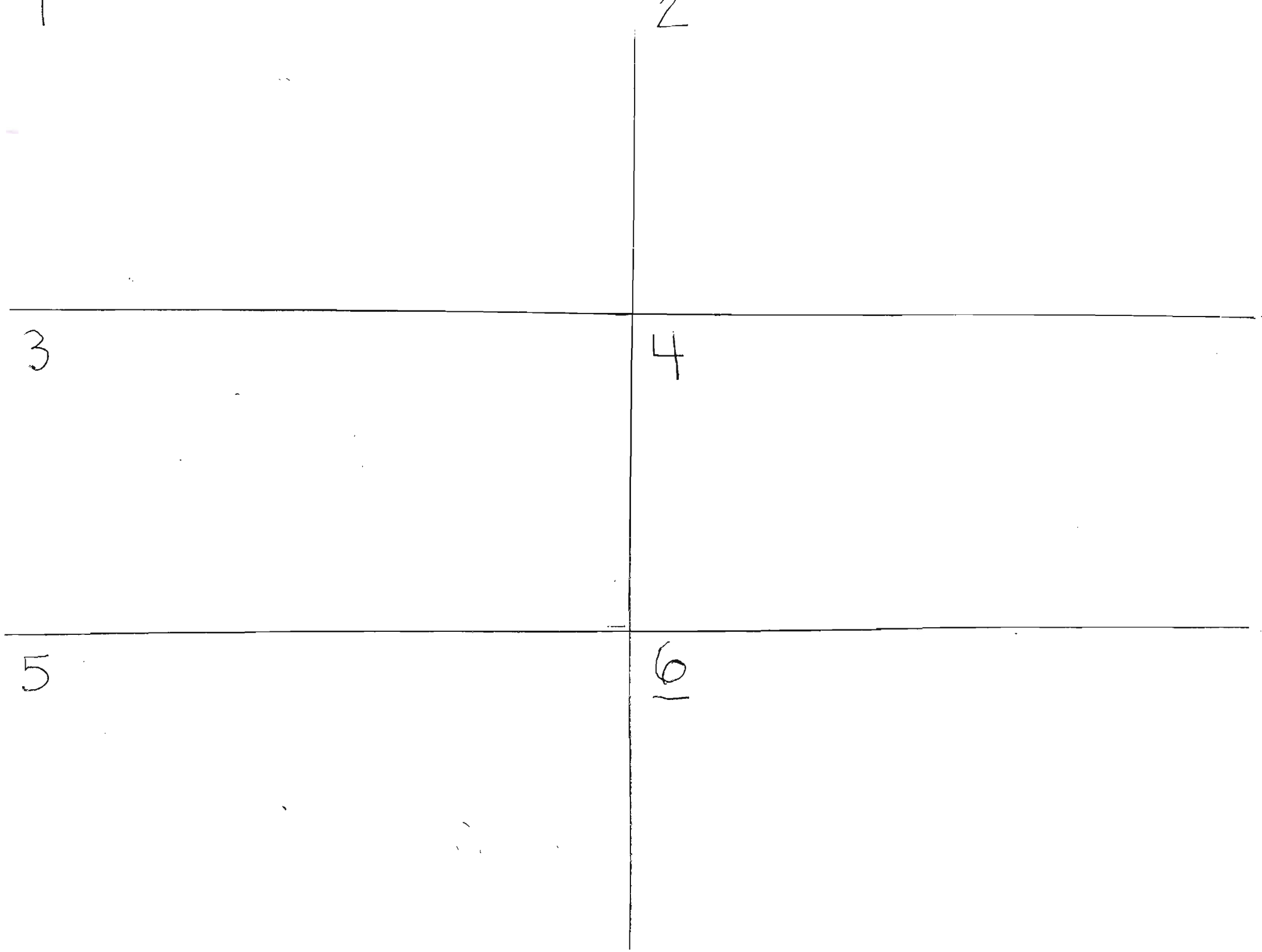


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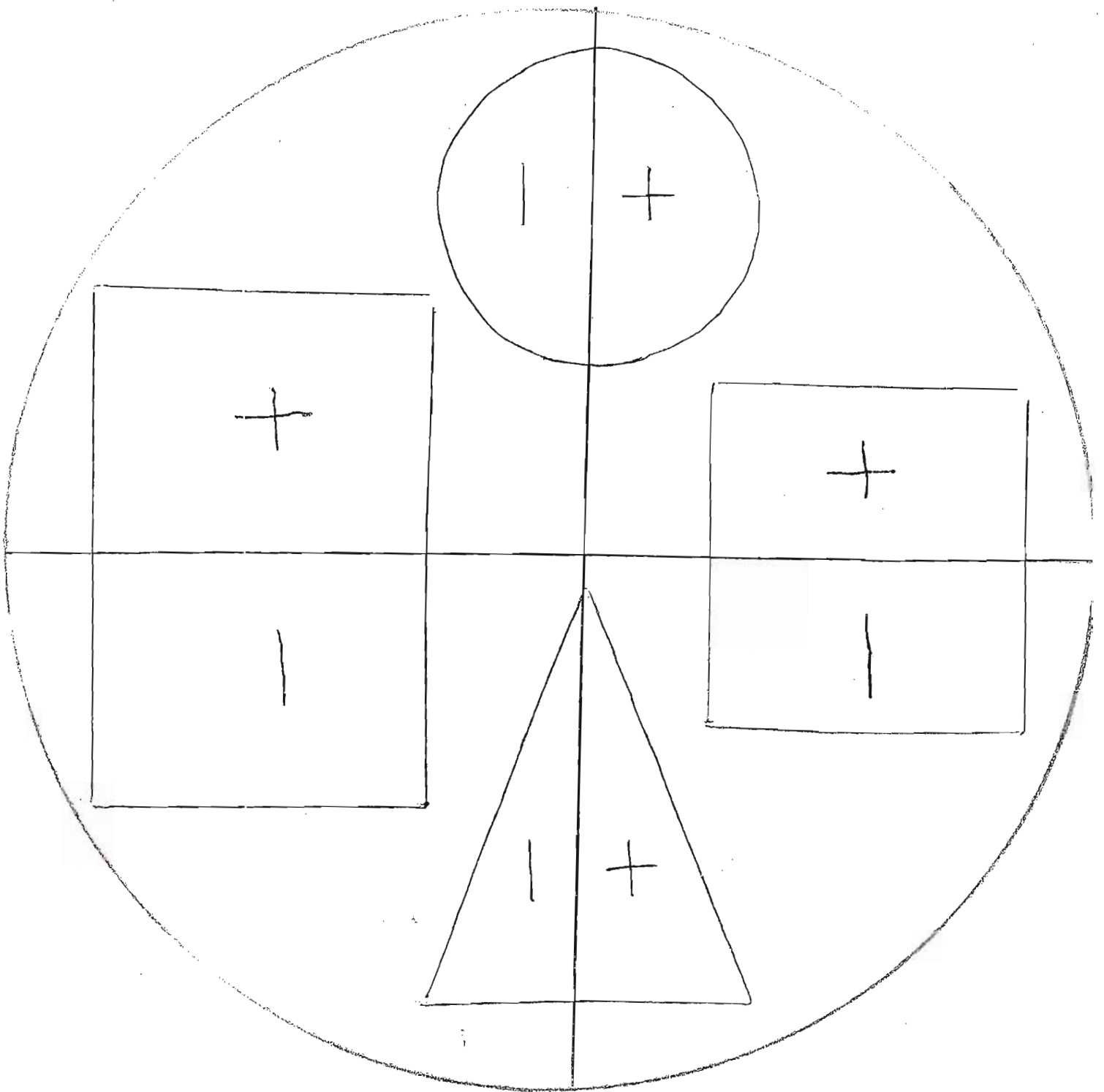
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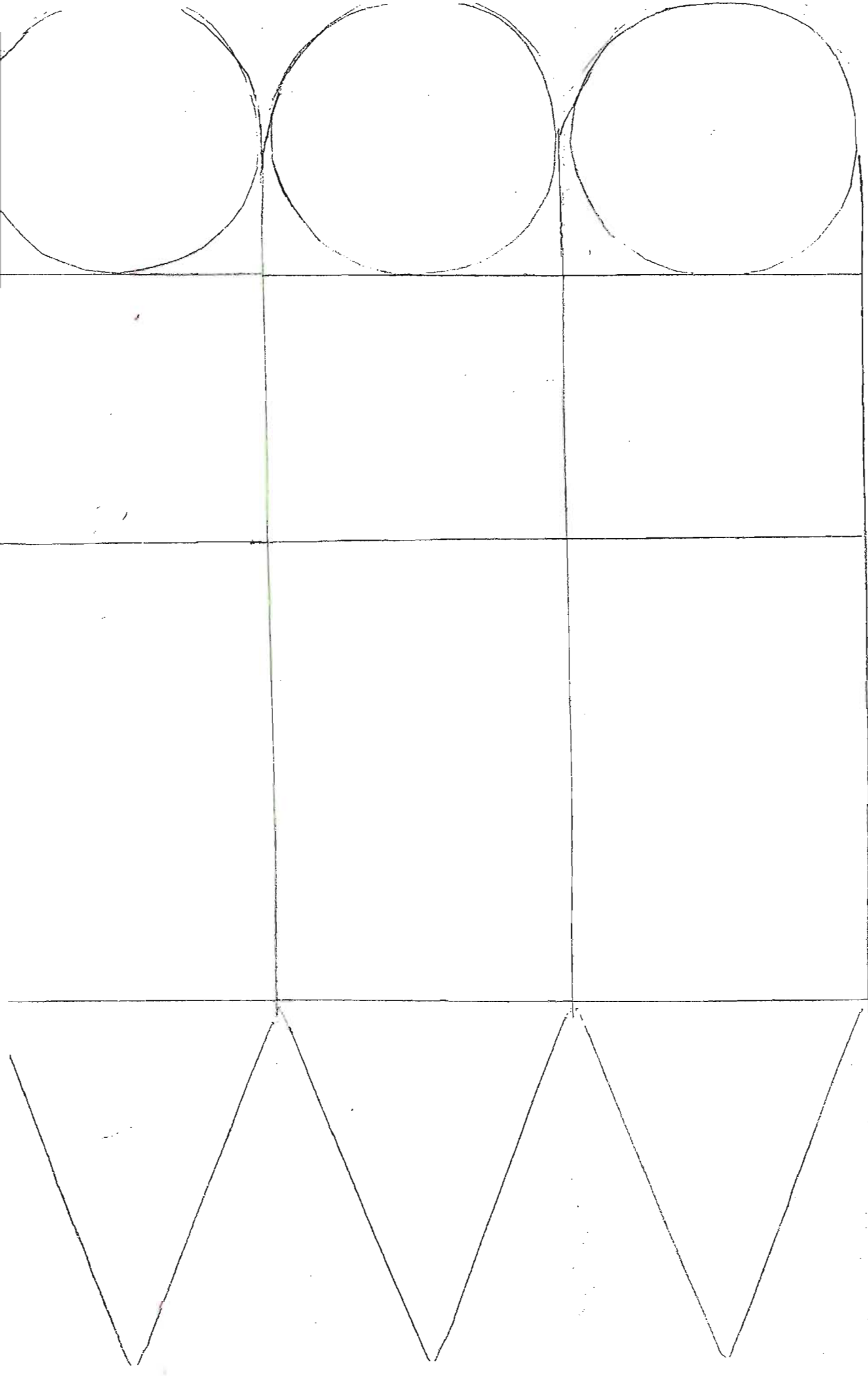


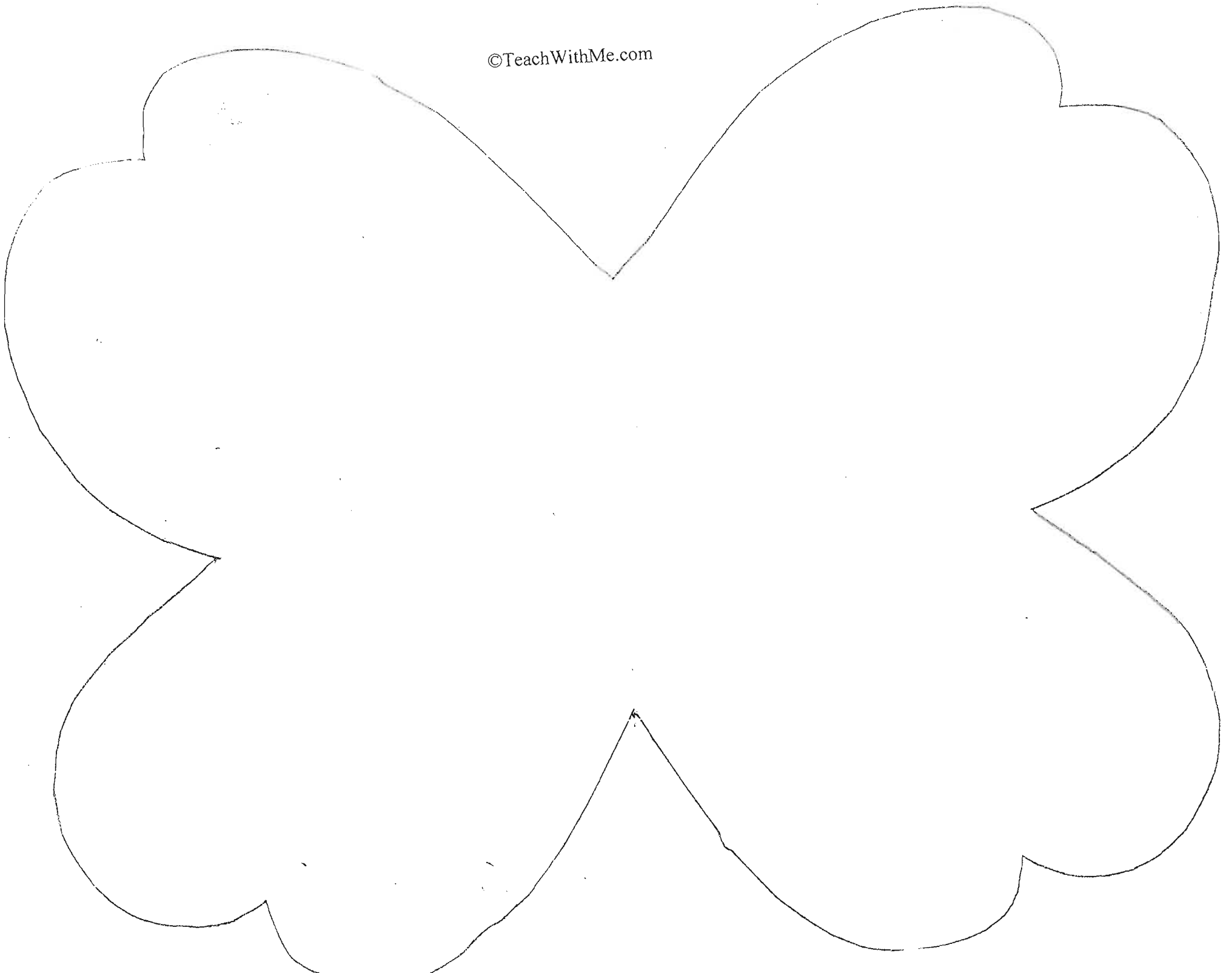
Put and Take

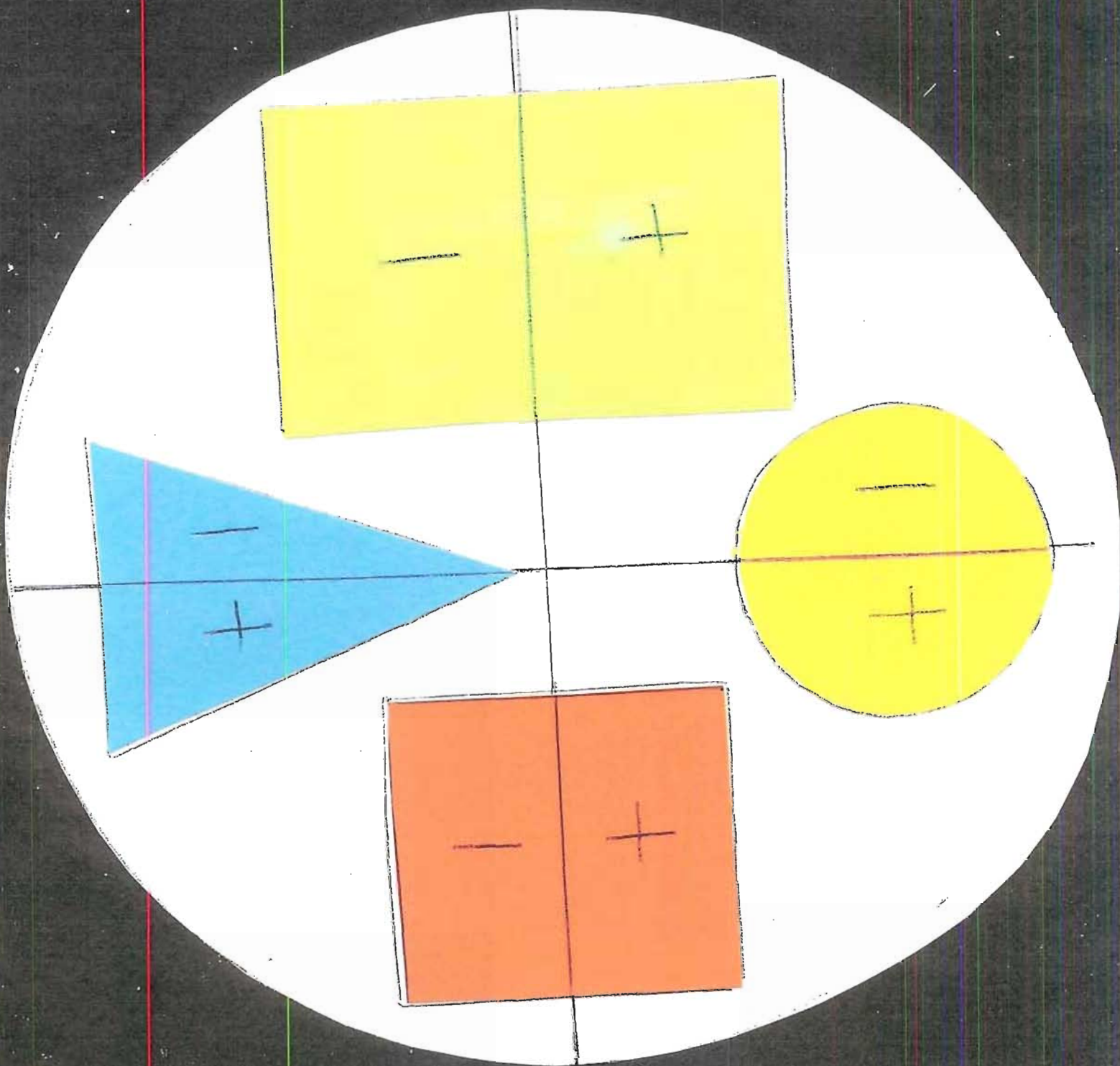
- Run off a class set of the butterfly template on construction paper. I chose hot pink for a vibrant look.
- Laminate them.
- Initially, it's a bit more time consuming, but it's nice if you make each one of the butterflies a different color.
- The shape pieces for the thorax could also be a different color. If you do that, make your spinner shapes black.
- If your thorax colors are all the same, have your spinners represent that.
- Run off 20 white thoraxes.
- Laminate them.
- Cut them out.
- Run off 5 spinners. (This is enough for 20 children in groups of 4 to play the game.)
- Cut them out.
- Using the templates, cut out and glue the colored shapes to the spinners that match the colors of the shapes that you will use on your thorax.
- Laminate them
- Punch a hole in the center and using a brad fasten a spinner or paperclip to the center.
- Because of the design, the "pie" spinner is not exactly in 1/4ths.
- Laminate the construction paper you want to use for the shapes. I used turquoise, yellow, lime green, and orange.
- Make a template of each shape and have a room-helper trace once, then cut out 3-4 shapes at a time.
- Put one of each shape in a snack baggie.
- Since the children will be playing in groups of 4, put 4 snack baggies in a large baggie along with one spinner.
- Keep the templates in a file folder.
- Pass out the butterfly templates, thoraxes and baggies.
- Children place their thorax on the butterfly. (I keep these separate instead of gluing them to the butterfly, because they are easier to store.)
- If you find that little ones have a hard time keeping them in place, put a Velcro dot on the back of the thorax that matches up to the front of the butterfly.

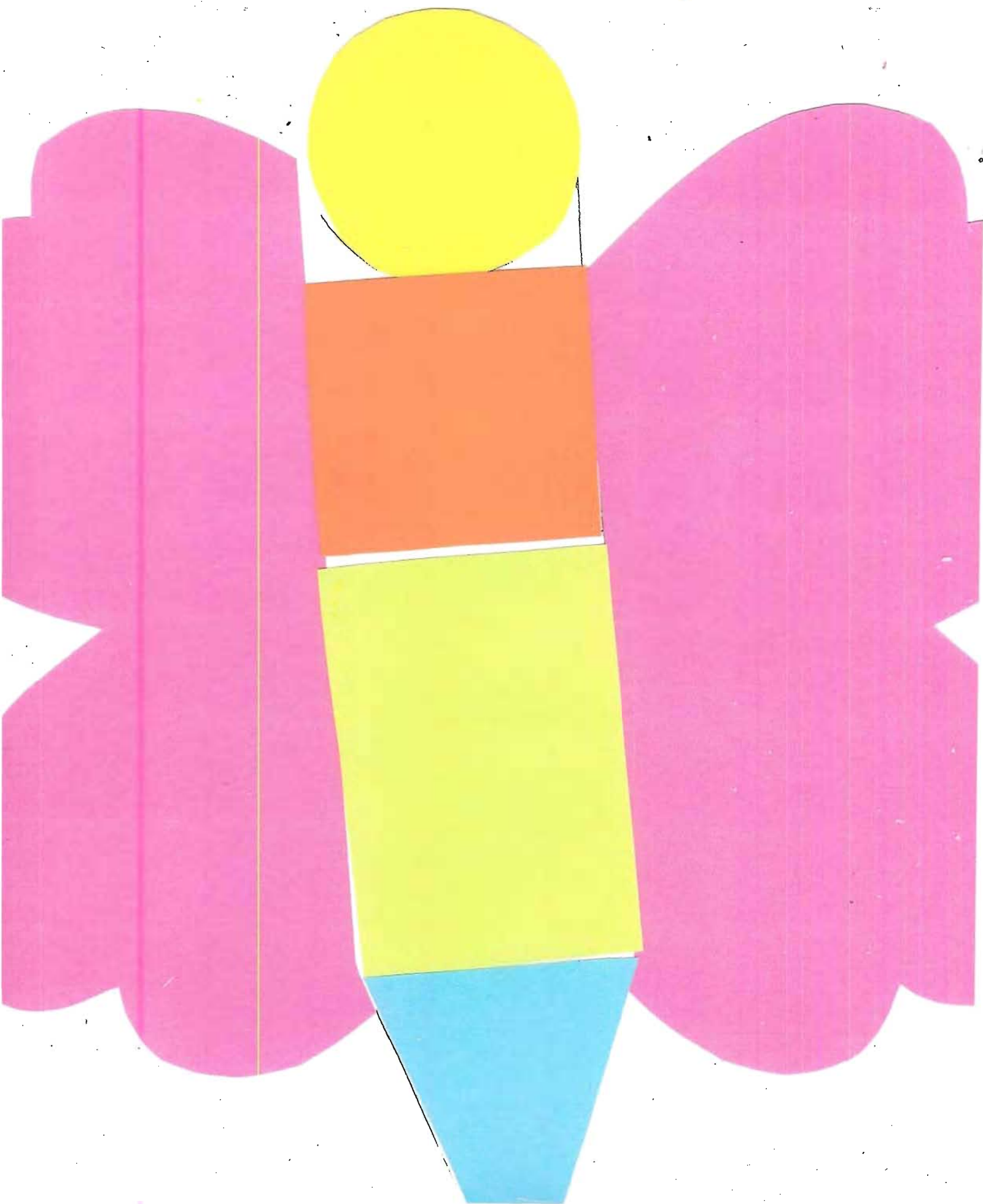
- Children spin the spinner.
- If they land on a triangle with a + sign they get to take that piece out of their baggie and put it on that shape on the butterfly's thorax.
- If they land on the triangle with a – sign, they have to take that piece off of their butterfly and put it back in the bag.
- If they did not have that piece on their butterfly yet, they simply pass the spinner to the next child.
- If the spinner's point does not land exactly on either shape in that quadrant, they may choose which one they want to do.
- To reinforce math vocabulary, I have them say the words PLUS, ADD, PUT as well as MINUS, SUBTRACT and TAKE AWAY when they land on the symbols.
- For example, Kelli spins a + triangle she'd say: *"I landed on the PLUS sign. I get to ADD the triangle to my butterfly and PUT it on the thorax."* or... *"I landed on the MINUS sign, I have to SUBTRACT the triangle and TAKE it AWAY from the thorax."*
- Help little ones get the hang of this, by saying it with them. Since I play Put & Take with them for all of my themes, they are breezing through the vocabulary in no time. I'm also getting them to learn the science vocabulary word thorax or any other words I might have them working on, depending on the theme.



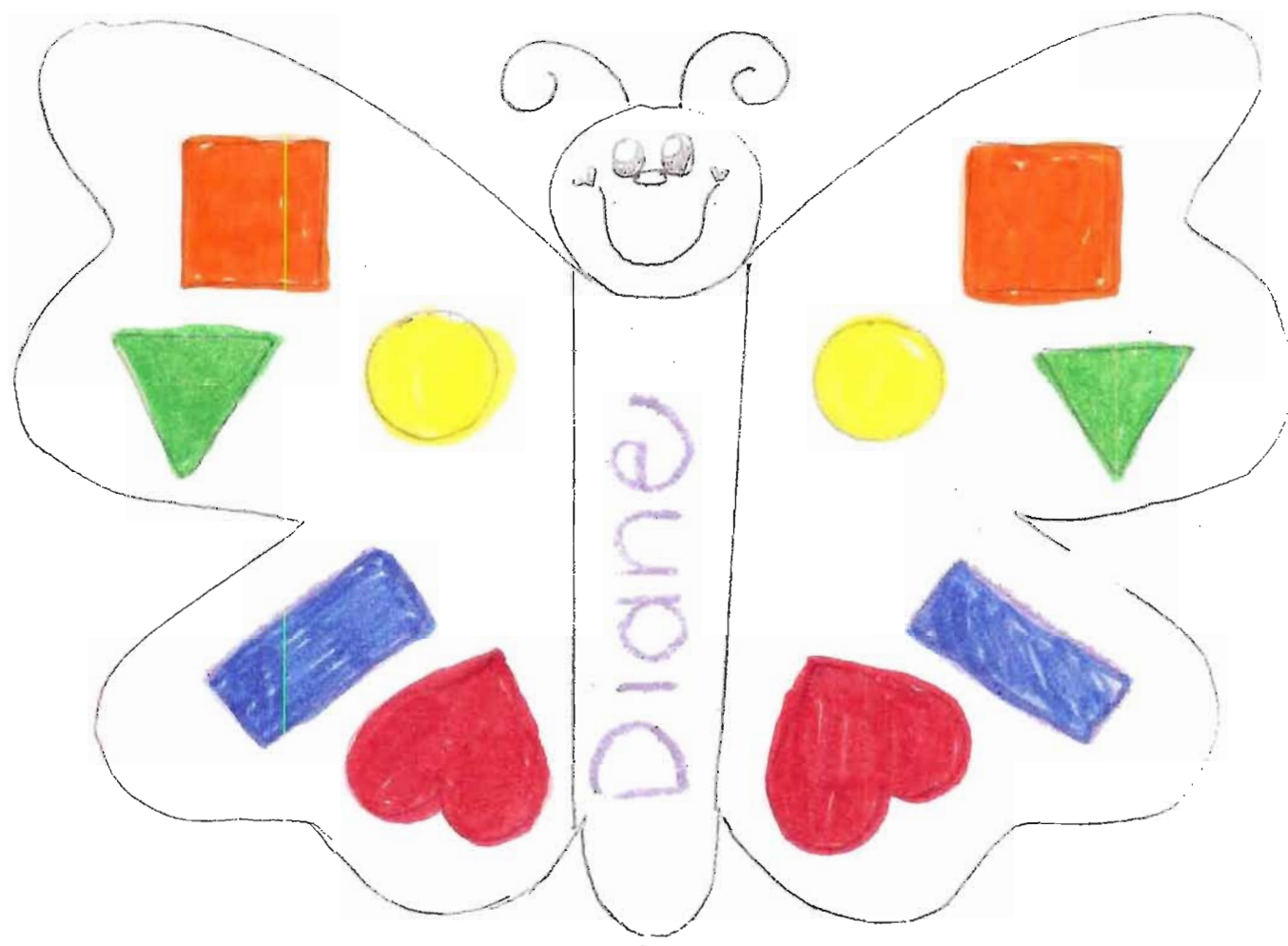


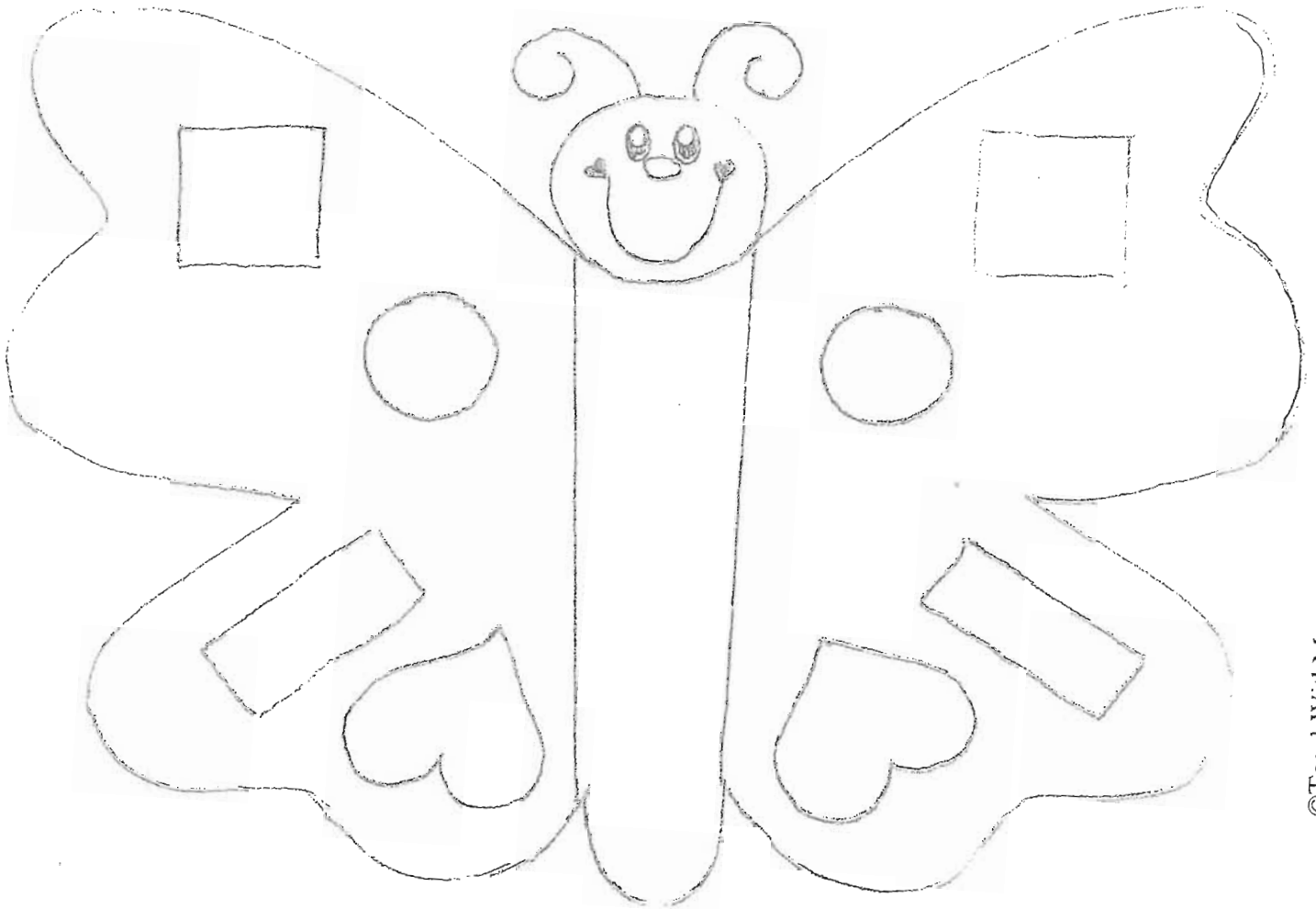
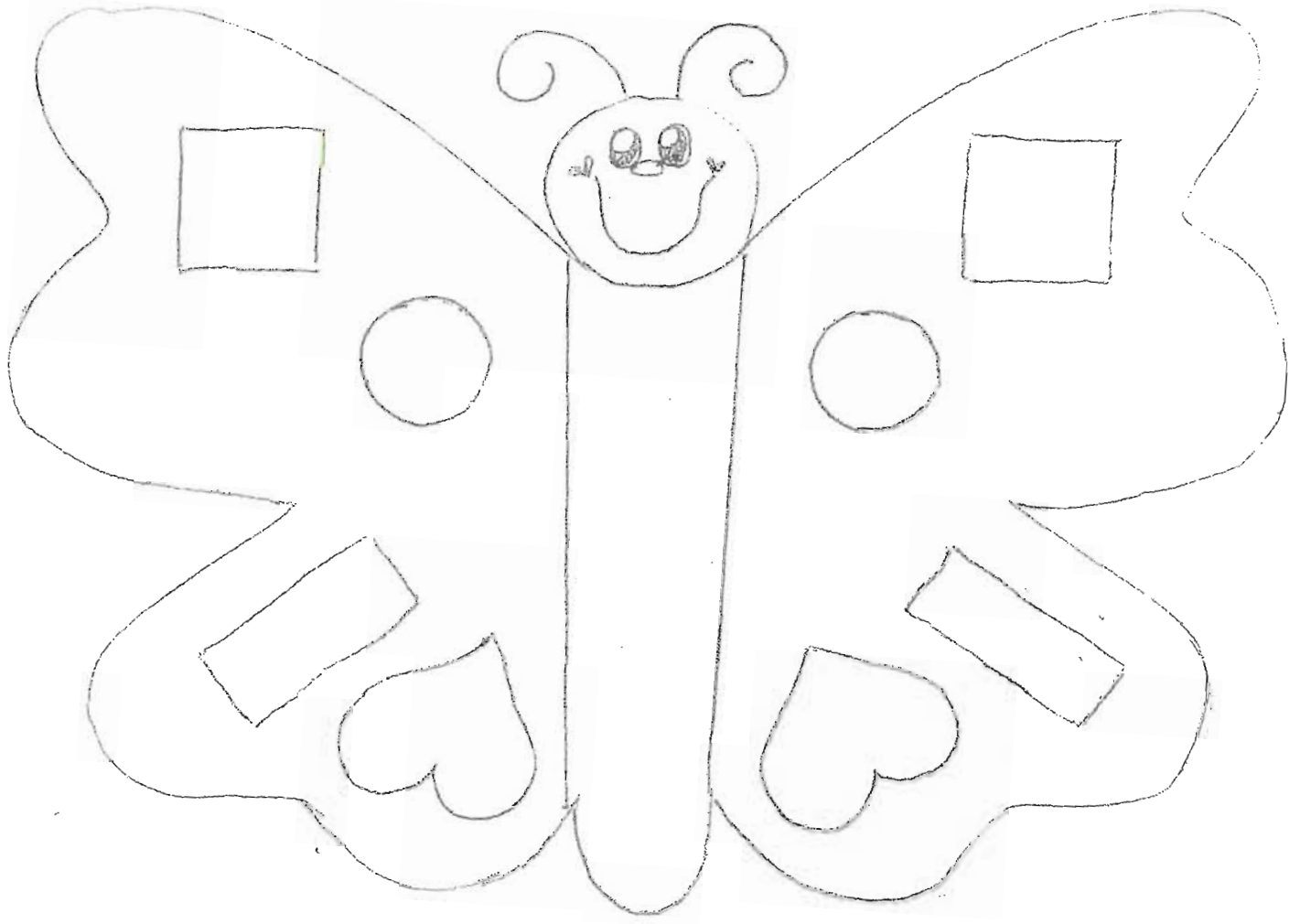


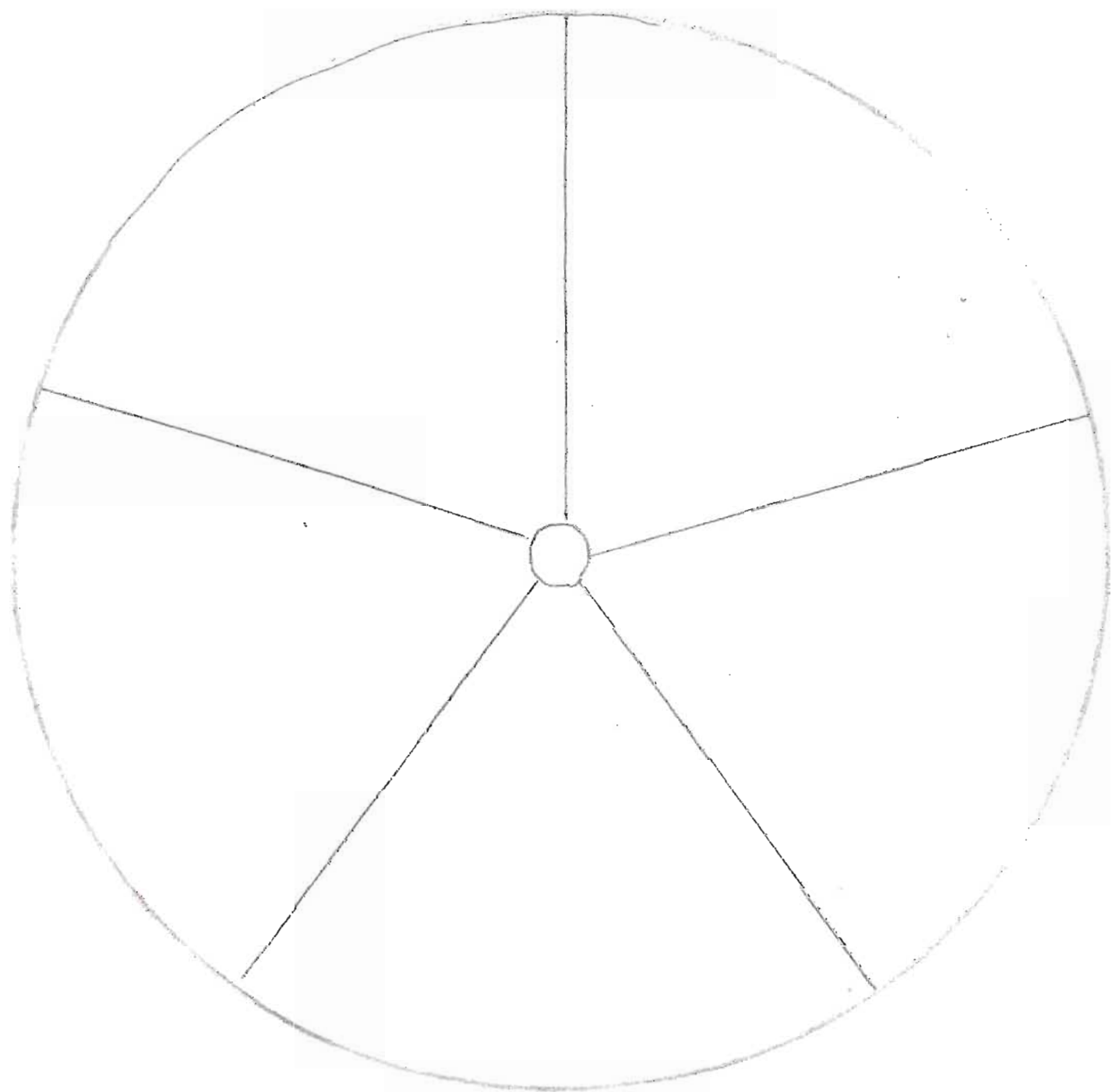




Butterfly Shape Spinning

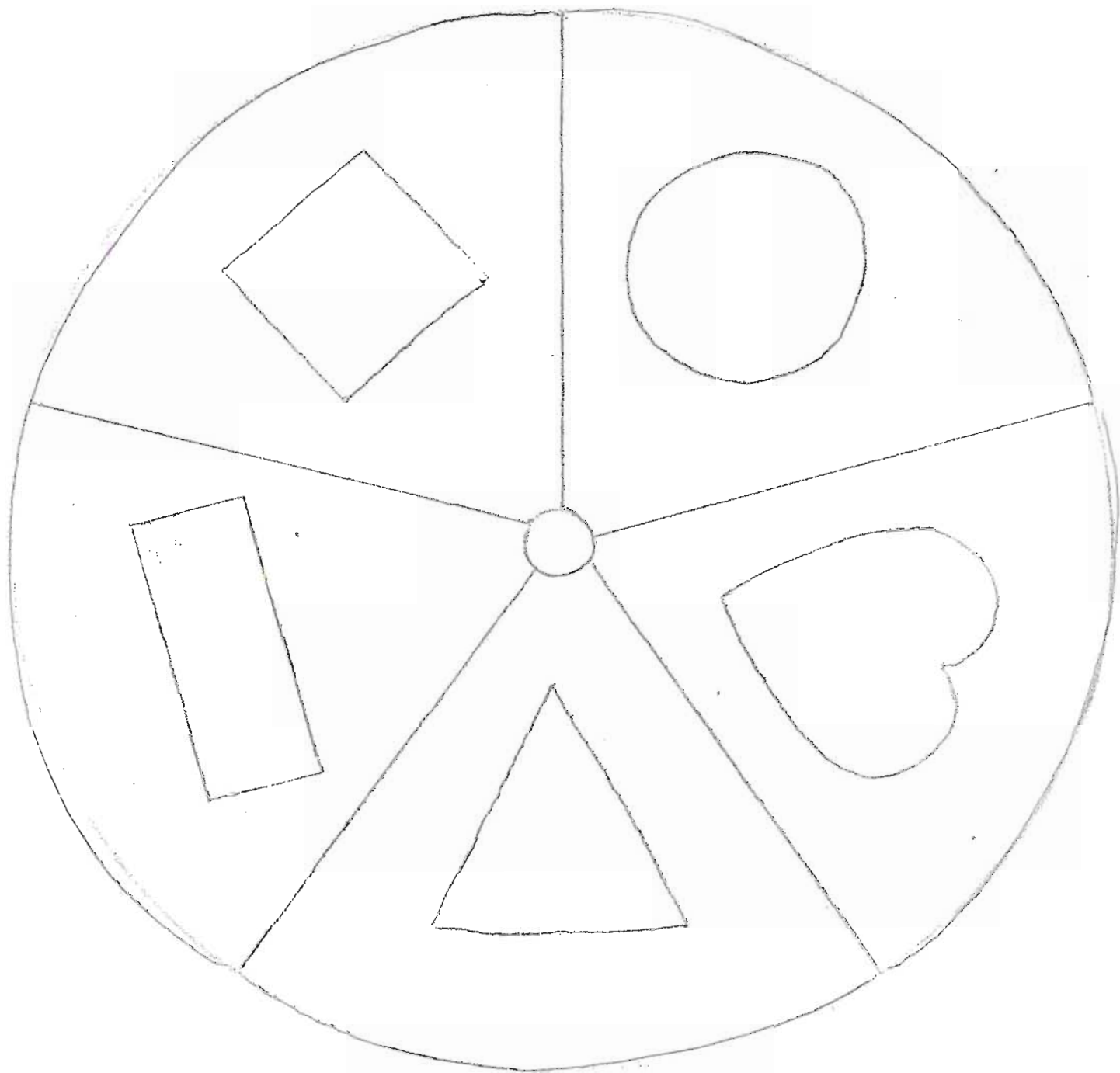


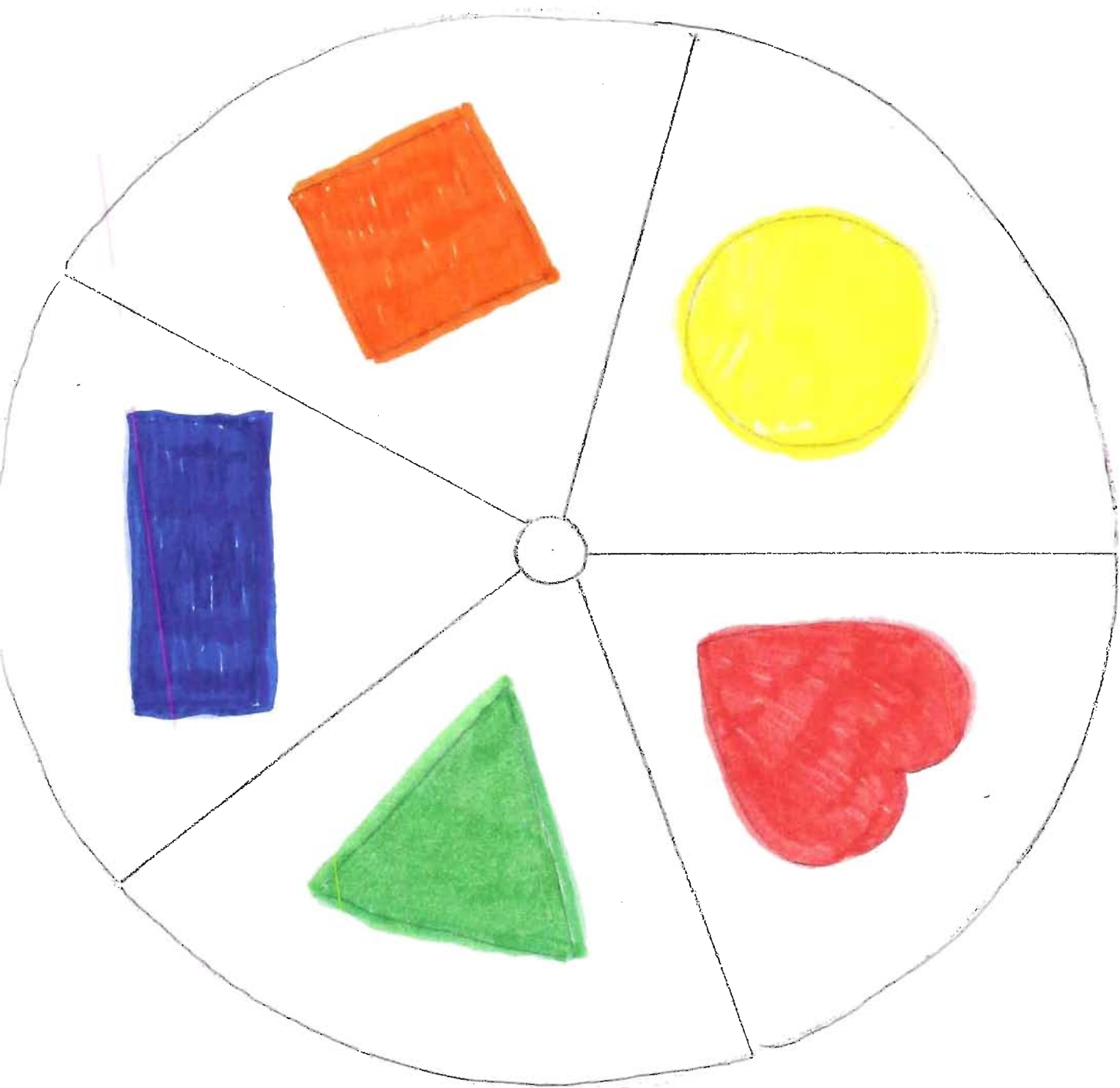


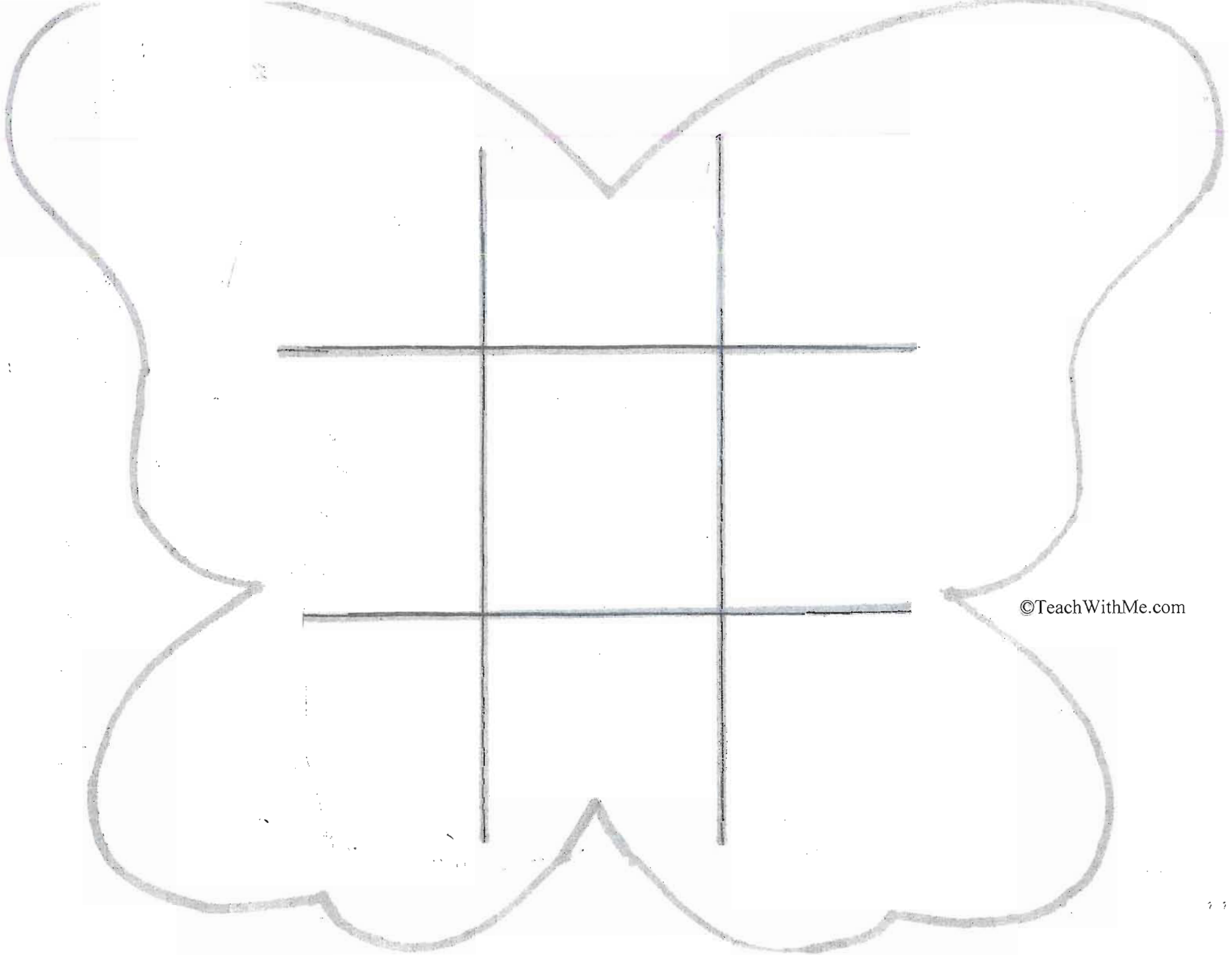


Butterfly Shape Spinning

- Copy enough spinners for a class set.
- Color and Laminate them.
- Attach a spinner with a brad. (Teacher stores sell real metal spinners, or you can use metal clock hands sold at craft stores, or simply use a large paper clip.)
- Run off copies of the butterfly. (I like to put 2 butterflies on my templates to not only conserve paper, but not have the children spend too much time coloring in the shape. You can enlarge it if you desire.)
- Children play in groups of 2-4
- Each child takes a turn spinning. They color in that matching SHAPE with the matching COLOR crayon on their butterfly.
- I review SHAPES and COLORS with this lesson. My Young Fives know their colors in English, Spanish & Sign Language so game-playing is a great way for a "quick review".
- So that all of the colors of the rainbow are represented, I have the children write their name VERTICALLY down the MIDDLE of the butterfly's body in PURPLE.
- I also teach **Spatial Placement, Symmetry and Left & Right** with this game. Whatever they color on the LEFT has to also be colored on the RIGHT.
- You can make the game last longer, by having them only color one side in first, then the next. (Because I'm teaching my Y5's to always start on the LEFT side of the paper, that's the side I want them to color first.)
- If they have already spun that color they pass the spinner to the next child.
- Play continues 'til one child has all of their shapes colored in.
- I give everyone a butterfly sticker if they have shown "good sportsmanship". The "winner" gets two stickers. They put these right on their papers.
- Higher grades can program the plain butterfly template with upper-grade shapes like hexagons and octagons etc.







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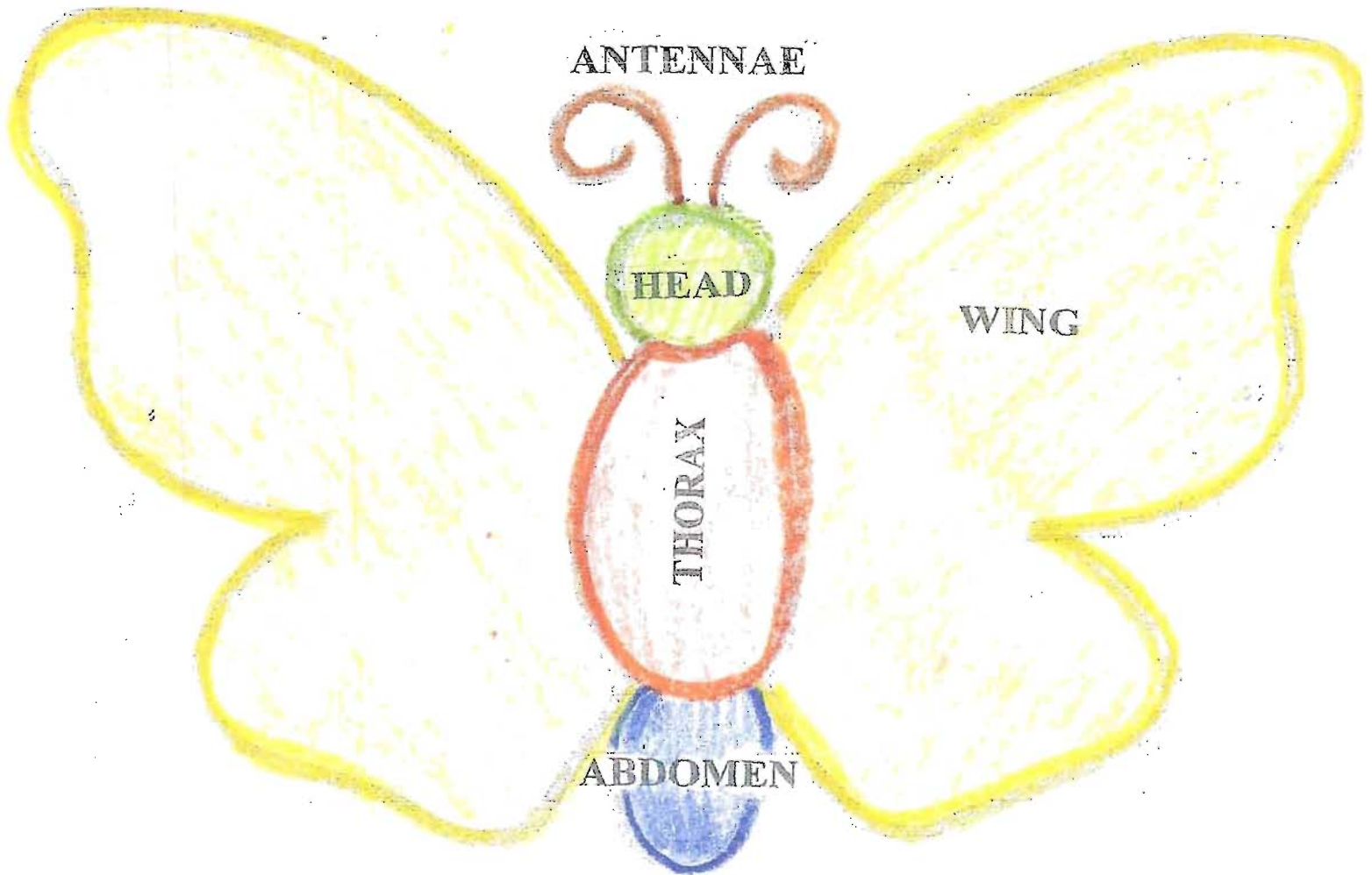
Tic Tac Toe

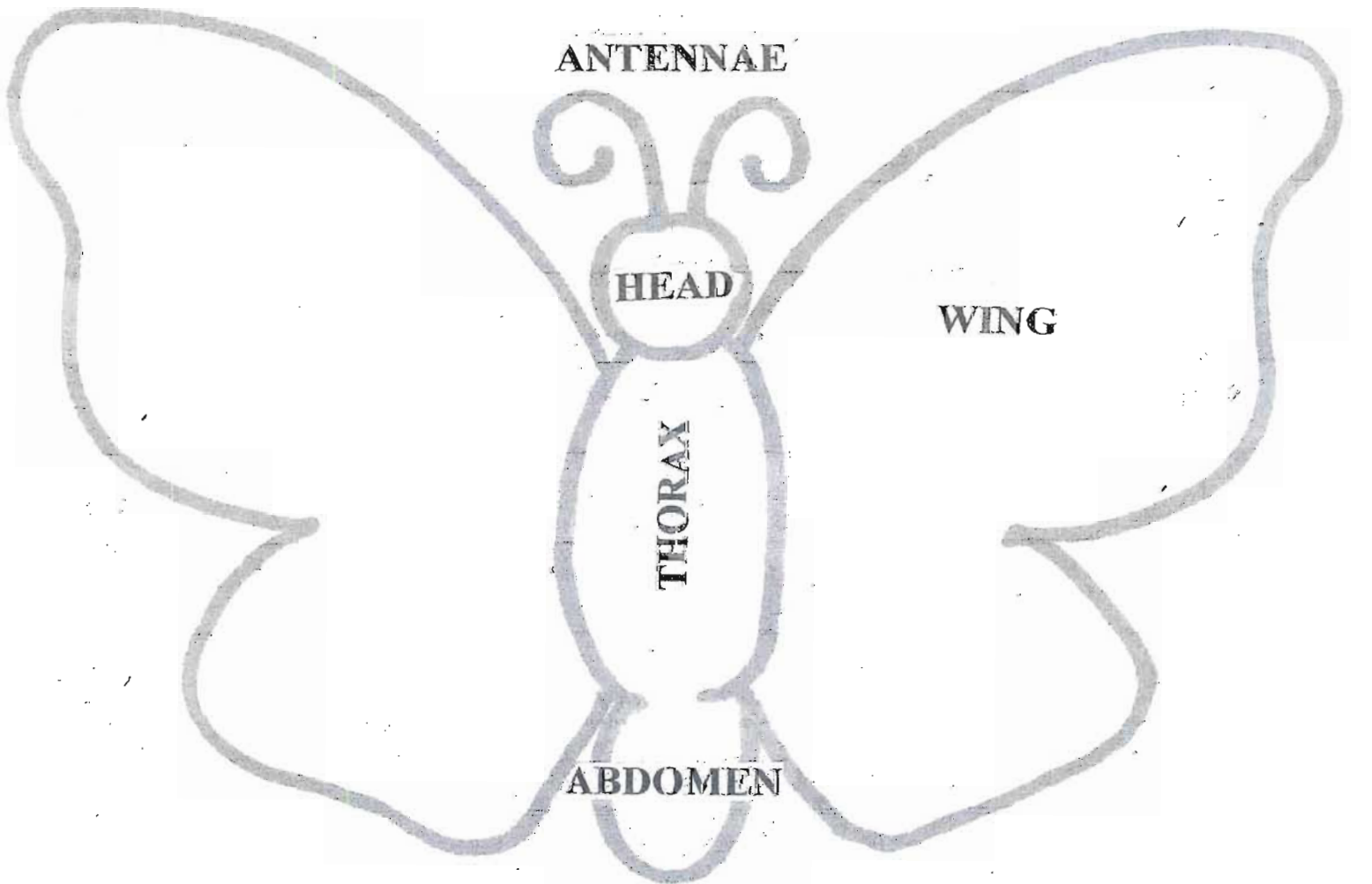
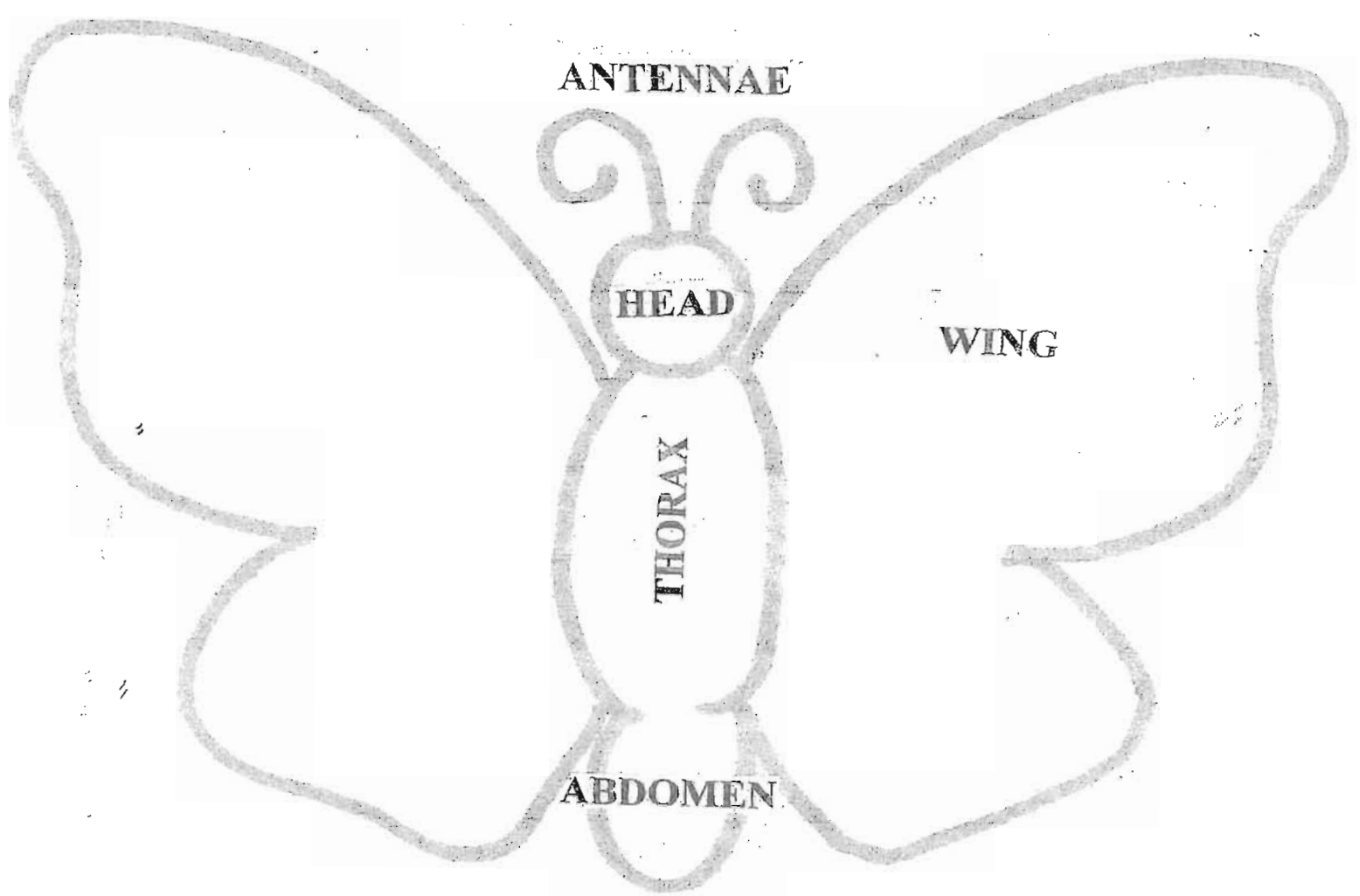
- Run off the master butterfly grid on a variety of construction paper. I do 10 so that 20 children can play.
- You can cut the grids into the butterfly shape or leave like a mat.
- Laminate 5 additional colors then using a butterfly punch, punch out 10 butterflies (5 of one color 5 of a contrasting color) to be used as playing pieces.
- If you don't have a butterfly punch you can use a heart one and glue the two together.
- The playing pieces could also be laminated squares with caterpillars or butterfly pictures on them.
- I have also used the lifecycle manipulatives, unifix cubes or tetrominoes for game pieces.
- Pasting stickers on milk caps or poker chips is also another way to make playing pieces.
- Tape a small envelope to the back of each grid to be used as a pocket to keep the playing pieces in. Close it shut with a reusable sticker dot.
- You could also simply laminate a regular shaped grid and keep these in a "game closet". Then change the themed pieces for whatever theme you're studying. The playing pieces are kept with that particular unit.
- You could also run off the master and have the children color their own game pieces, or simply snip construction paper strips into squares, and put in a baggie. Children can then keep their own game to take home and play there.
- As you can see this easy and simple game can be themed into whatever unit you are studying and the children really enjoy playing it.
- I like that it's a quick 5-minute fill-in with easy clean up that helps expand their thinking, concentration and attention spans! Picking up the pieces is a great fine-motor skill as well.

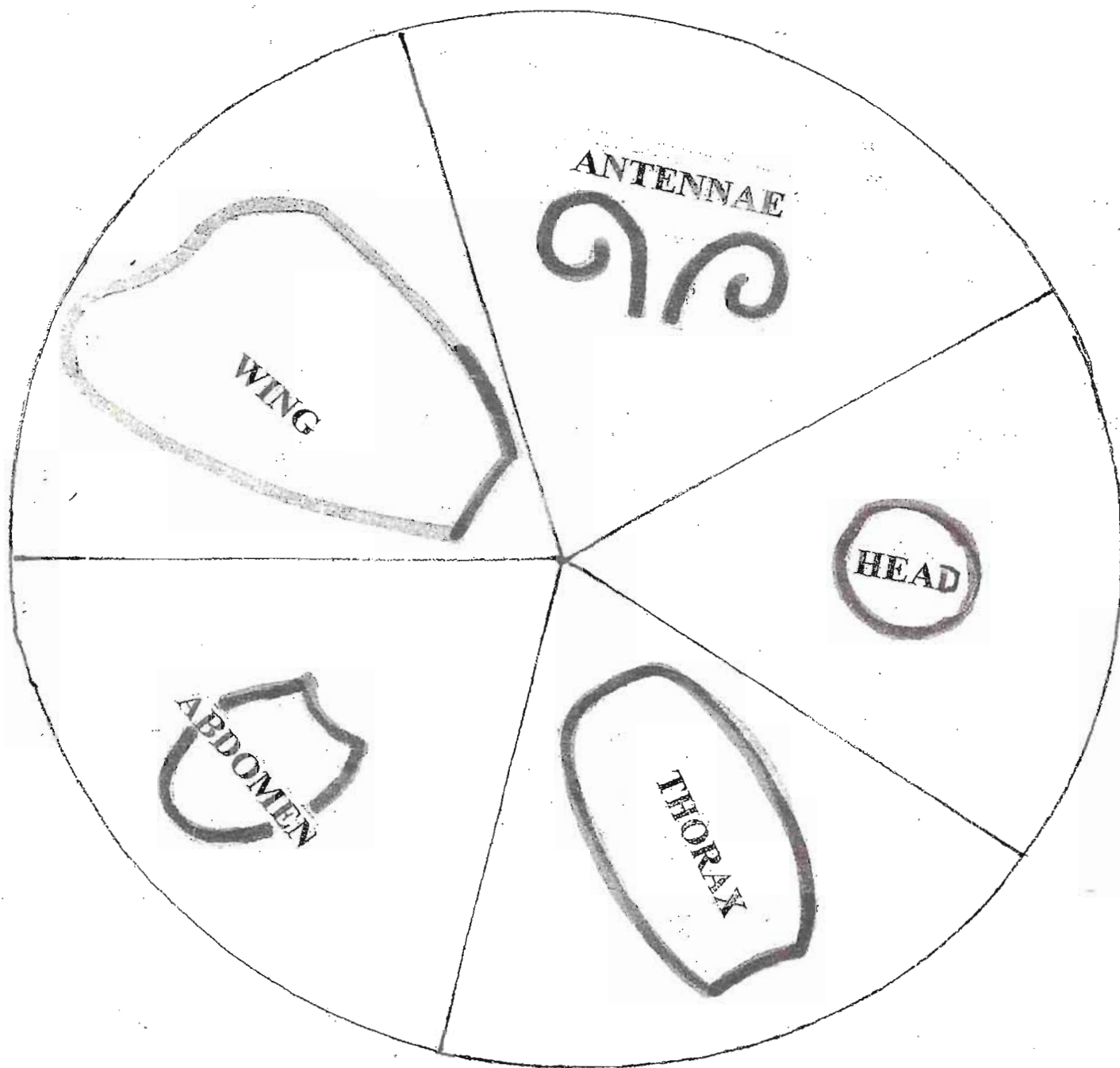
Butterfly Body Parts

Spin & Color

- Run off and laminate the spinners.
- These can be plain, and the children can choose their color, or they can be colored where children would color that body part on their paper, the matching color of the spinner one.
- Run off a class set of the masters.
- Children play in groups of 4.
- Children take turns spinning the spinner.
- On their paper, they COLOR what ever body part that they spun.
- The first child with all of their “BBP’s” (butterfly body parts) colored in, is the winner.







ANTENNAE



HEAD



THORAX

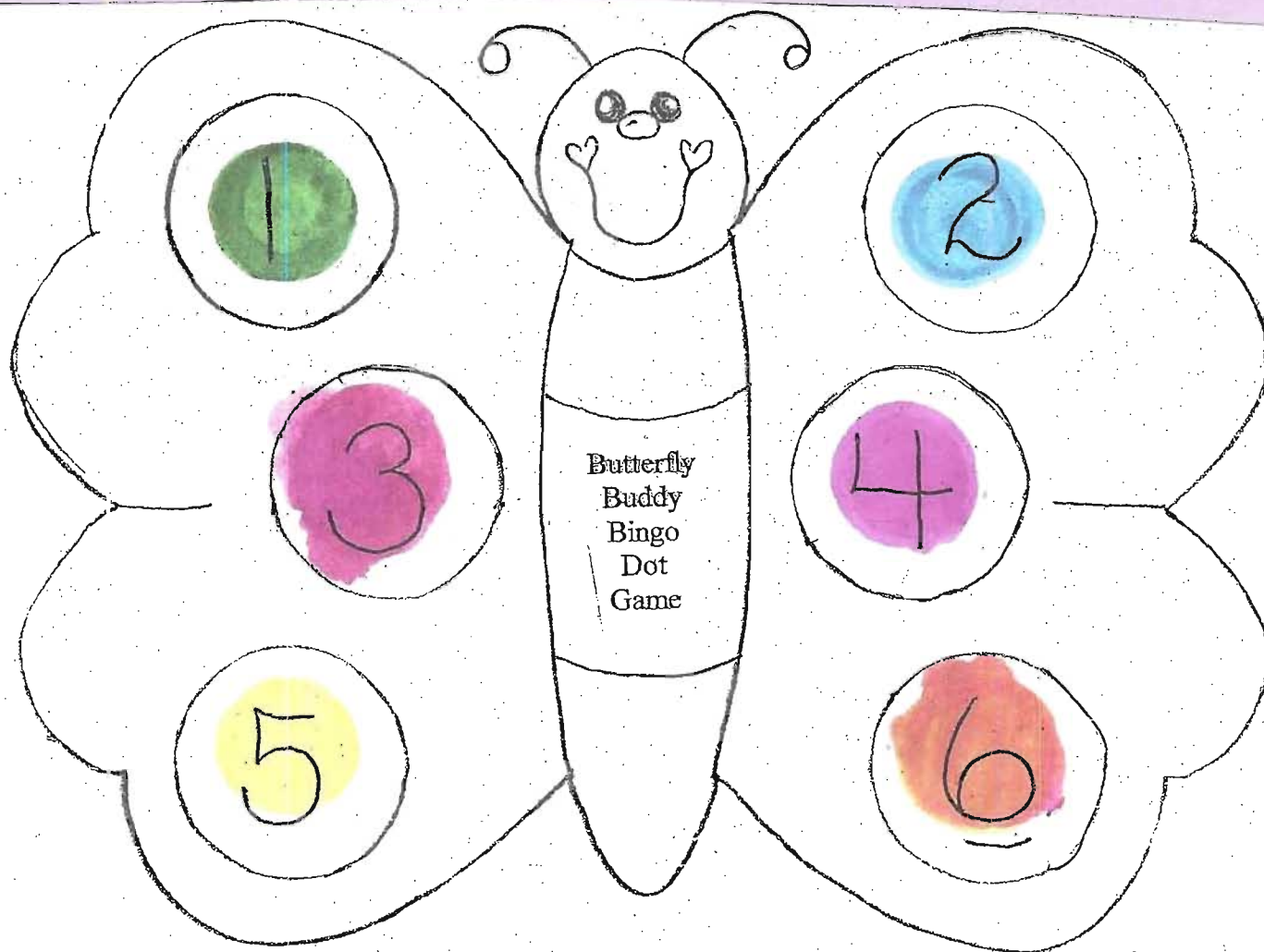


ABDOMEN



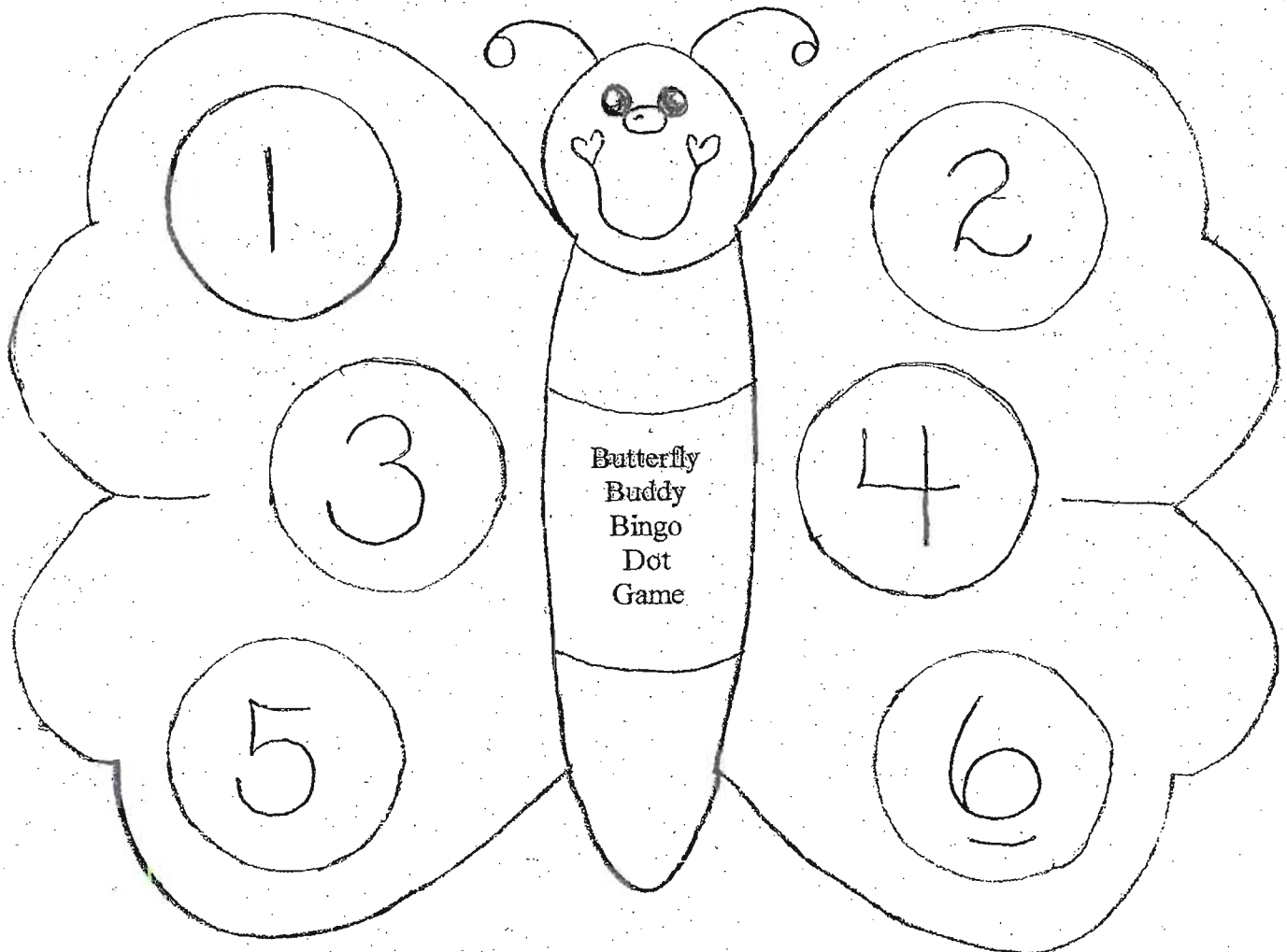
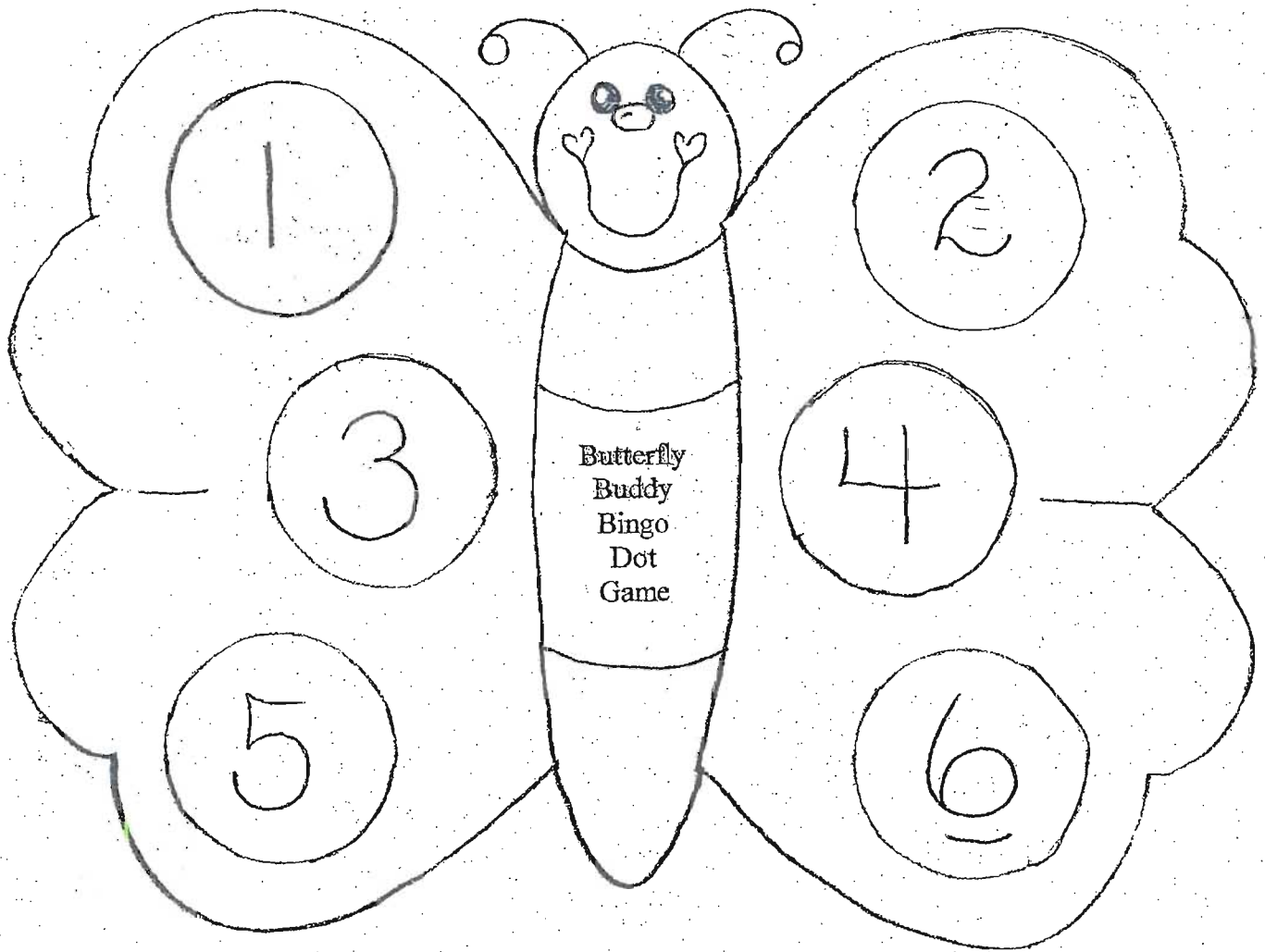
WING





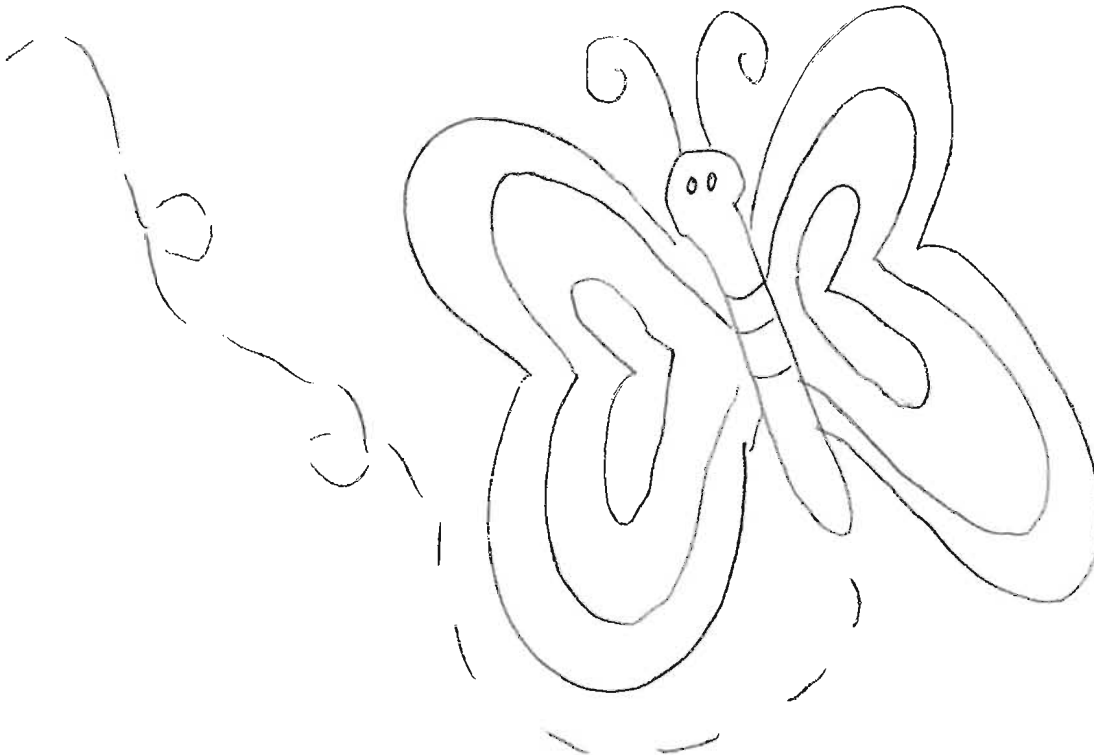
Butterfly Buddy-Bingo-Dot Game:

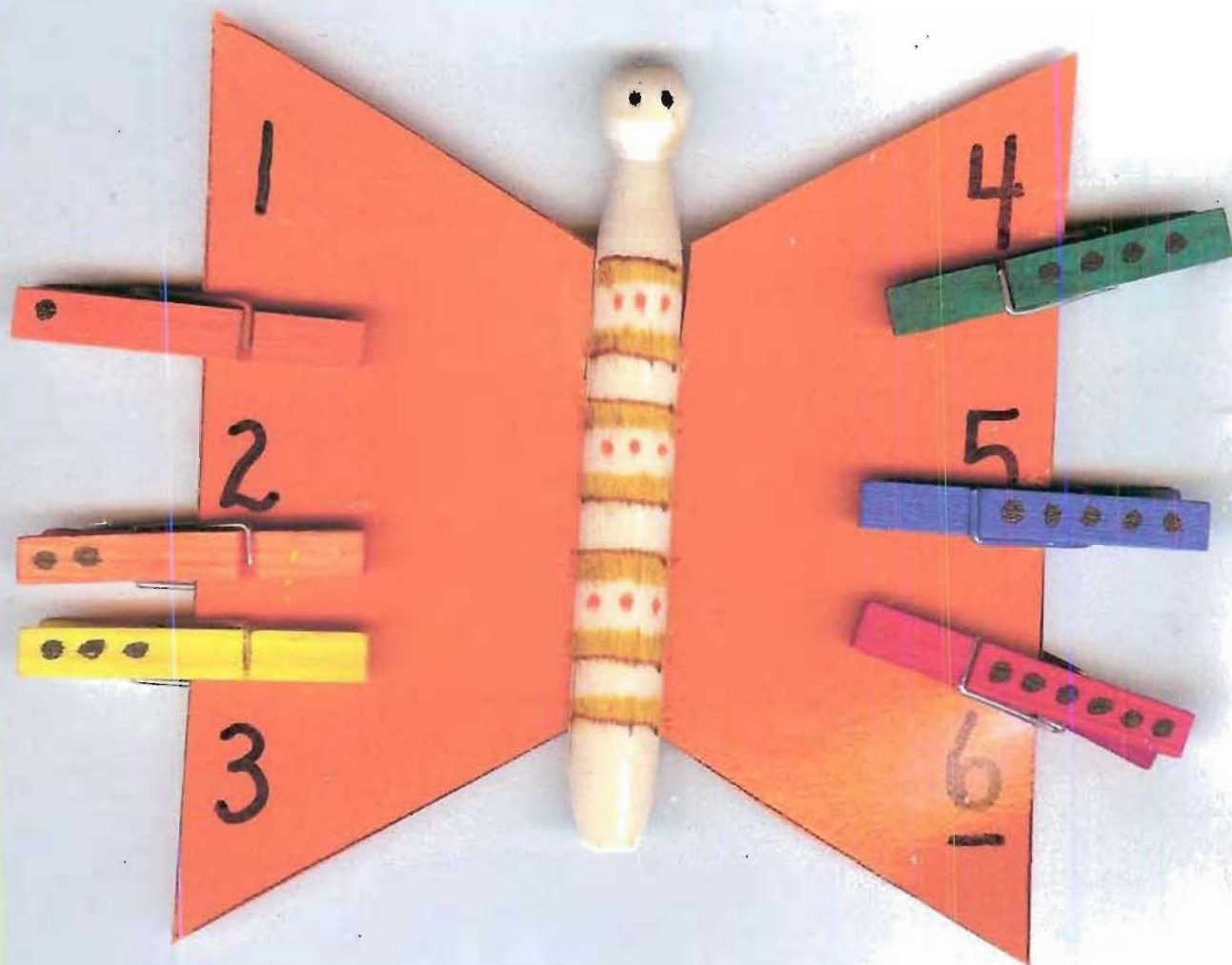
- Children roll the dice.
- Using a Bingo-Dot dabber, children fill in that numbered spot.
- The first child with all of their numbers filled in is the winner.
- Children could also simply color in the circles with a crayon, or yellow-highlighter. I find that the bingo dotters are a fun change and helps reinforce hand-eye coordination.

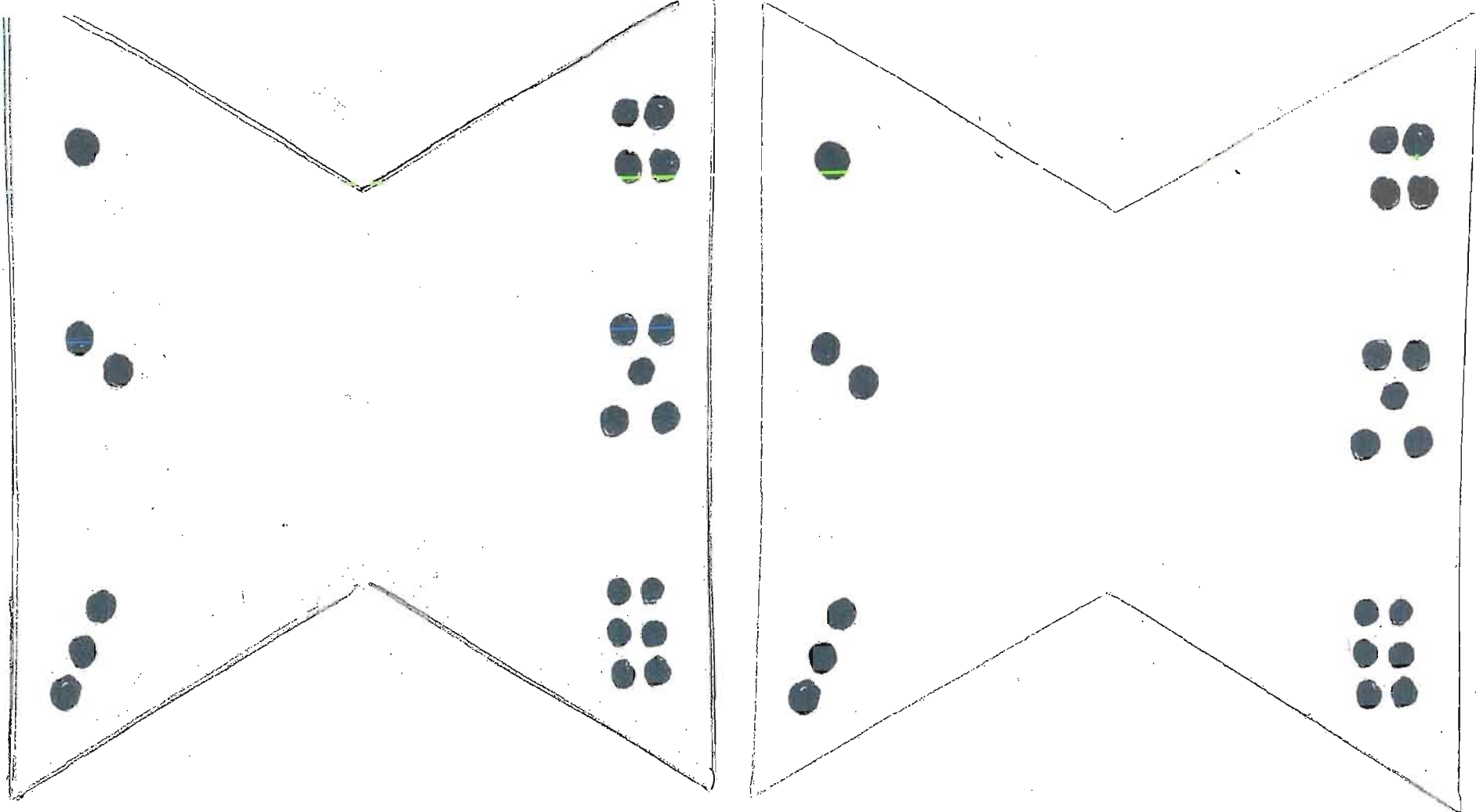


Roll & Clip

- Run off a class set of butterflies on a variety of colored construction paper.
- Laminate the papers then cut out the butterflies.
- Cut a thin notch in the top of the butterfly's body so you can slide a round-head clothespin down the center of the butterfly forming a thorax. If you cut the slit small enough the clothespin will stay in place. Otherwise, use 2-3 glue dots so it will stick to the laminate.
- Add some eyes and other details with colored markers.
- Wrap $\frac{1}{2}$ of a pipe cleaner around the "head" to form antennae.
- Buy enough small colored clip clothespins to make a class set of butterfly games.
- There are 6 colors. I use one for each number. To help younger students with identification, I add dots (1-6) on the top of the clothespins.
- Children play in groups of 2-4 and take turns rolling the dice.
- Whatever number they roll they clip that clothespin to the matching number on the butterfly's wing. They clip the clothespin in such a way so that they take the shape of the wings. (The clothespins are "splayed".)
- If a child already has that number clipped, the dice goes to the next child.
- The first child to clip all of the numbers on their butterfly is the winner.
- Store the butterfly and its clothespins, in small, individual zip lock baggies.
- You can make this easier for you with little prep time, by simply using regular clothespins.
- I keep a large bucket of regular clip clothespins in my "game closet" to use for various games.







Roll & Clip

Use this grid with pre-K children.

They can easily match up the dots on the dice with the corresponding dots on their butterfly.

1

4

2

5

3

6

1

4

2

5

3

6

April Books:



Butterflies:

My Books To Read:

1. Born To Be A Butterfly Wallace \$3.99
2. Butterfly, Canizares \$3.25
3. Butterfly Magic, Getzoff \$2.99
4. Butterfly Metamorphosis, (A Fold-out book) Twinn \$4.95
5. Butterflies, Shapiro \$3.99
6. Butterflies of the World (Fandex) Mikula \$9.95
7. Caterpillar Spring Butterfly Summer, Hood \$12.99
8. Caterpillar To Butterfly (Pop-up) Rodger \$4.95
9. Clara Caterpillar, Edwards \$5.95
10. Fluttery Butterflies, Lamut \$4.95
11. Good Night Sweet Butterflies, Gerth \$10.95
12. I'm A Caterpillar, Marzollo \$3.99
13. I'm A Little Caterpillar, (A pop-out puppet book). Weare \$5.95
14. In My Garden (Pop-up book) Gill Guile \$12.95
15. Just A School Project, Mayer \$3.29
16. More Bugs In Boxes (Pop-up) Carter \$13.95
17. My Jungle Pop Up Book (Has butterflies in it.) Guille \$14.99
18. Nature's Hidden World (A pop-up book) Selberg \$9.95
19. Our Friend Sam, Mayer \$3.95
20. Percival the Plain Little Caterpillar, Brawley \$14.95
21. The Case of the Missing Caterpillar: A First Look at the Life Cycle of a Butterfly, Godwin \$14.95
22. The Very Hungry Caterpillar, (Big Book) Carle \$14.95
23. Waiting For Wings, Ehlert \$15.95
24. Watch Me Grow: Butterflies, Magloff \$7.99
25. Where Is Caterpillar (Lamaze interactive soft book.) \$6.95

Children's Butterfly Books:

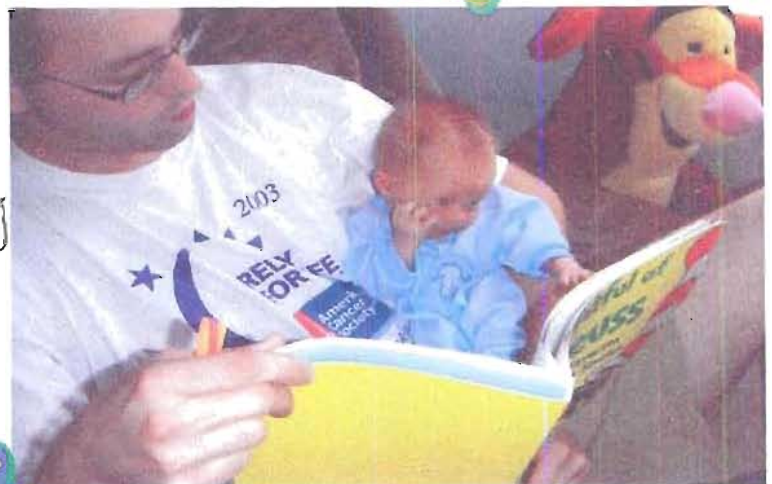
1. A Golden Guide To Insects (Includes lots of butterfly pages.), Zim & Cottam \$9.95
2. A Peek-A-Boo Caterpillar \$3.95
3. Angelina and the Butterfly, Holabird \$3.50
4. Becoming Butterflies, Rockwell \$5.95
5. Bugillions! (A wobble-eye book about counting) Reader's Digest \$7.99
6. Bug Safari, Barner \$5.95



7. Bumble's Sweet Surprise \$5.95
8. Butterflies! Freeman \$4.25
9. Butterflies, Jeunesse \$4.99
10. Butterflies, Neye \$3.99
11. Butterflies Coloring book, Sovak
12. Butterflies in the Garden Lerner \$5.95
13. Butterfly Express: A Book About Life Cycles, Moncure \$5.95
14. Butterfly House, Bunting \$5.99
15. Butterfly Magic, Getzoff \$2.95
16. Fluttery Butterflies, Lamut \$4.95
17. From Caterpillar To Butterfly, Heiligman \$5.95
18. I Wish I Were A Butterfly, Howe \$5.95
19. I Wonder Why... Butterflies Flutter, O'Neil \$4.95
20. Little Kippers Butterfly, Inkpen \$4.95
21. Magnificent Monarch, Glaser \$7.95
22. Millions of Monarchs, Roop \$3.99
23. Monarch Butterfly, Gibbons \$6.95
24. Monarchs, Lasky \$8.95
25. Strawberry Shortcake and the Butterfly Garden, Curry \$3.99
26. Squiggly Wiggly's Surprise (A finger-puppet book) Shapiro \$5.95
27. Ten Loopy Caterpillars, Cowley \$2.95
28. The Big Butterfly Book, Whayne \$2.95
29. The Butterfly Alphabet, Sandved \$5.99
30. The Butterfly Counting Book Pallotta \$5.49
31. The Lamb and the Butterfly, Sundgaard \$5.95
32. The Very Hungry Caterpillar, Carle \$6.95
33. What Can Pinky See? (A lift-the-flap book) \$5.99
34. Zoobooks: Butterflies \$2.50



*This is
only a partial
listing as
I have added
to this*



*My Grandson Jeremiah,
even as a newborn,
loved to read*

Wonderful Butterfly WEBSITES!

1. <http://www.smm.org/sln/monarchs/story/story2.html>

Mariposa Monarca A visit to the Monarch Sanctuaries in Mexico. This is a beautifully Pictorially illustrated story.

2. <http://www.smm.org/sln/monarchs/jenna/jenna.html>

This is a good example of a child's ability to make a website and post their work on it. Jenna did just that. This is a short story of the lifecycle of a butterfly.

3. <http://butterflywebsite.com/atlas/index.cfm>

Great inspirational stories, articles, how to create a butterfly habitat, how to attract butterflies to your garden, free clipart, photo gallery, lesson plans etc.

4. <http://www.butterfliesandmoths.org/>

Students can click on their state and then county and find out what butterflies and moths are found in their area! They have a superb Image Gallery. You can click on a thumbnail and it will give you a bigger photograph plus information on that butterfly. You can also search for a specific species.

5. <http://butterflywebsite.com>

Great as a teacher and student source.

6. http://www.naturalsciences.org/funstuff/notebook/inverts/butterfly_chrysalis.html

This is a good site for more great pictures of a chrysalis. It's the Museum of Natural Sciences web page. They also have a Nature Notebook that's a guide to the animals, plants and other natural phenomena of the Southeast. New nature profiles are posted every month.

7. <http://adver-net.com/Monemerg.html>

Shows a monarch chrysalis from start to emergence.

8. <http://en.wikipedia.org/wiki/Pupa>

Wikipedia is a free encyclopedia on the net. This site will give you some awesome pictures of a chrysalis. One of the bits of trivia I liked was that the term chrysalis is derived from the metallic gold-coloration found in the pupae of many butterflies and is referred to by the Greek term chrysos for gold. They have a picture of 3 metallic golden chrysalises hanging from a branch that is quite awesome. The other encyclopedia websites and software have great informational facts about butterflies and caterpillars as well.

<http://www.monarchbutterflyusa.com/Chrysalis.htm>

9. Shows fantastic pictures of a monarch chrysalis. Even ones of it emerging!
Click on these buttons to see other fantastic photographs with great information.

10. <http://www.teachers.ash.org.au/jmresources/butlifecycle/Activity5green.PDF>
pictures of different butterfly eggs. Activity sheet to compare and contrast them.

11. <http://www.butterflyfarm.co.cr/ed/index.htm>

Awesome site not only tells about butterfly farming but has a great photo gallery as well. Their “Fast Facts” “A Student’s Guide To Butterflies” and “Common Questions & Answer” sections are outstanding and a great place for older students to find information for their reports. They also have an extensive glossary of terms.

12. http://www.kindermagic.com/backyard_bugs.html

Great video sample of the monarch butterfly coming out of its chrysalis and a caterpillar hatching out of its egg and eating a milkweed leaf.

13. <http://butterflywebsite.com/> great inspirational stories.

14. <http://www.thebutterflysite.com/butterfly-coloring-pages.shtml> Cool coloring pages to print off, butterfly word search.

15. <http://www.geocities.com/wyllz/id177.htm> Absolutely wonderful pictures of all stages of a monarch butterfly life cycle by William Zittrich. Over 20 pictures of eggs, caterpillars, chrysalis, adults emerging and adult monarchs.

16. <http://www.richard-seaman.com/Wallpaper/Nature/Butterflies/index.html> This ever growing page contains large photographs of butterflies from around the world which can be set as wallpaper on your computer. 24 to choose from!

17. <http://www.butterfliesandmoths.org> The US Geological Survey’s Northern Prairie Science Center provides a clickable map showing the distribution of butterfly species in the US. Simply choose your county in the box and click on it. A list of all the butterfly species in your area will open up. Besides the map search this site also includes a species search, and a great image gallery.

18. <http://bsi.montana.edu/web/kidsbutterfly/>

Awesome site for children and teachers! Includes a photograph gallery, video clips, most asked questions, life cycle coloring pages and a translation in several languages including Spanish.

19. <http://www.gardens.si.edu/horticulture/gardens/nmnh/butterfly.html>

An interactive butterfly garden site.

20. <http://www.entomon.net/largest-smallest-butterfly-moth.htm>

Shows information and pictures of the largest and smallest butterflies/moths. Also includes a list of questions that you can click on and find the answer. i.e., Can butterflies fly great distances? What is a cocoon? What is the difference between butterflies and moths? What is the heaviest insect? Can a real butterfly glow? Etc. Great for reports and info collecting.

21. <http://www.enchantedlearning.com/subjects/butterfly/activities/findit/index.shtml>

Enchanted Learning is a great site for lots of different subjects. They have things listed according to age levels from pre-school on up. One of the nicest things about their site is that you can expedite things by typing in the subject you want help with. When I typed in butterflies 249 matches were found. You can view them 5 at a time. They have many free lessons and ideas + a lot more if you support their site with a reasonable \$20 a year.

They have a great glossary where you can click on an underlined word and find out more about it.

Their "Find It With Zoom Butterflies" are print-outs that introduce young students to research on the Internet. Students use Zoom Butterflies to look up the answers to a set of questions. They have 3 sets of 10 questions for you to print out and give to your students, as well as answer pages for you. These are geared 2-3 and 4-6th. I found them helpful for relating facts to my younger students or give me answers to questions they have.

www.enchantedlearning.com/subjects/butterfly

Wonderful comprehensive information, colorful diagrams, an illustrated butterfly glossary, plus lots of monarch butterfly craft activities for children: mobiles, puppets, cards, and a coloring book.

22. <http://www.learningpage.com>

Chock full of all sorts of activities

23. http://www.geocities.com/cu_redhead/index2.html

Kinderkids is a great site for pre-K-K. Some very cute insect information.

24. <http://www.harkphoto.com/menu.html> Bill's awesome website for great pictures he takes of butterflies, moths, and caterpillars.

25. billybear4kids.com

An outstanding site for children and teachers. One of my favorites!

Here you can download a butterfly font, make butterfly flash cards (perfect for a Memory-Match game.) Students can play interactive games like dropping and dragging a variety of butterfly puzzles, or playing tic tac toe. My students get a trip to the treasure box if they play a game, print it off and bring it in to share. Students can also make stationery, send an e-mail butterfly postcard, watch an MPG movie, as well as do several crafts.

26. <http://www.monarchlab.umn.edu/> A great Monarch lab website. Here you can learn about the University of Minnesota *Monarch Lab*, the *Monarchs in the Classroom* program, plus find lots of information about the Monarch Butterfly. They also feature "[Ask the Expert](#)" Type in your question and get an email response from one of their experts. You can also read what others have asked and see their answers.

27. http://www.fieldmuseum.org/exhibits/exhibit_sites/butterfly/bvsm_basic.htm

Great information about the differences between butterflies and moths.

They also have a button to click on for butterfly collections that have super pictures of a variety of butterflies, as well as a button to click for information on habitats.

28. <http://adver-net.com/Monemerg.html>

Has beautiful photographs of the emergence of a Monarch from its chrysalis

1997 © Dale A. McClung

29. http://www.clemsonews.clemson.edu/WWW_releases/1998

If you get tagged by a predator or don't find enough food to eat, you die. Those are the rules in the "Migration Game," a teaching program that follows the life of the monarch butterfly. The Migration Game is part of the South Carolina Butterfly Project coordinated by Clemson University entomology professor Joseph D. Culin.s

30. <http://www.monarchbutterflyusa.com/Chrysalis.htm>

Great photographs of a chrysalis in it's transparent stage. Great shots of the Monarch emerging.

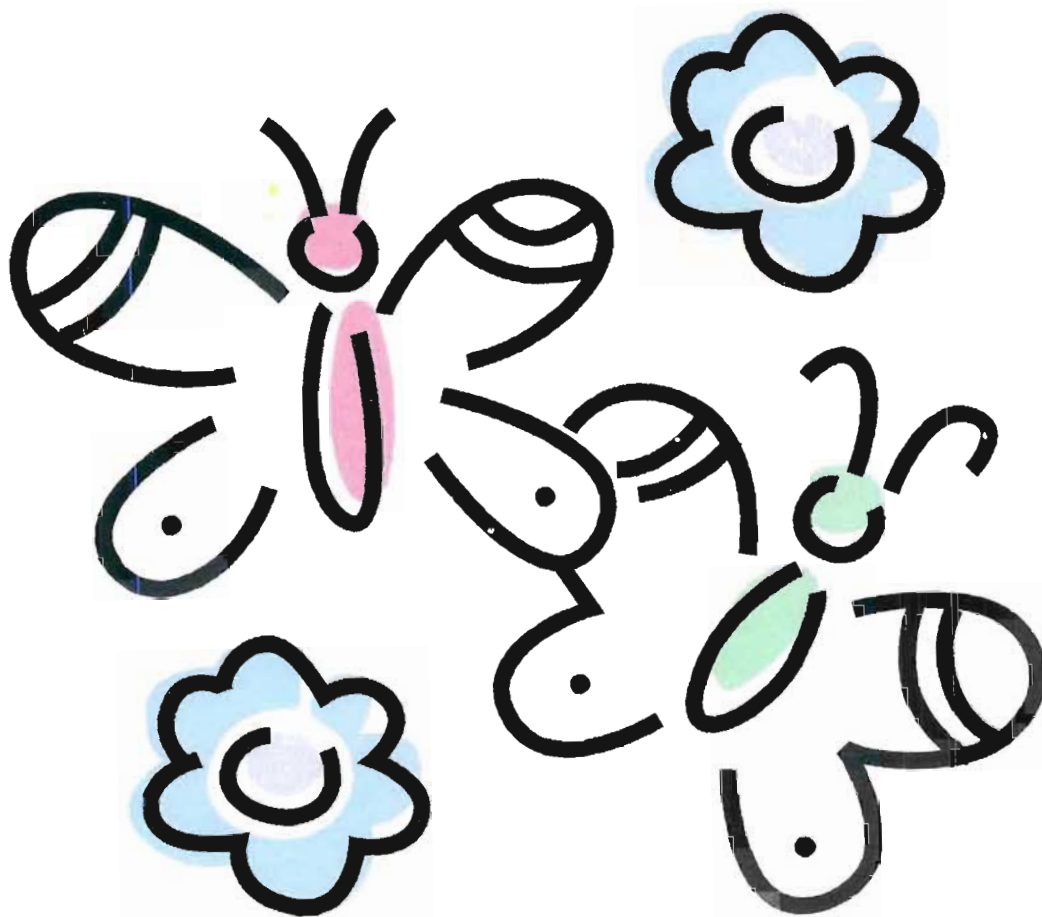
31. www.dltk-kids.com/crafts/miscellaneous/fingerprint_butterflies.htm

This is a great site for a kinds of information and cute craft ideas. Find instructions to make fingerprint butterflies and a butterfly mask.



Congratulations

Has done a creative
job on our butterfly
activities!



Teacher: _____

Date: _____