

Week of June 8
Second Grade- Science and ELA
Life Cycle of a Butterfly

- Monday, June 8

🐛 Watch video Caterpillars for Kids

<https://www.youtube.com/watch?v=QYbMScXPEV0> (2 mins.)

🐛 Read the poem, The Caterpillar, alone and with someone at home.

🐛 Write the poem on the lined paper provided. Perfect printing, please.

The Caterpillar

The caterpillar's not a cat.
It's very small
And short and fat,
And with those beady little eyes
Will never win a beauty prize.
The caterpillar's brain is small-
It only knows to eat and crawl.
But for this creepy bug don't cry
It soon will be a butterfly.

-Douglas Florian



Name _____ Date _____

Directions : Copy the poem, The Caterpillar. Do your best! Make sure you include the **title** and **author** of the poem AND all the **words** are spelled correctly and you included all the **punctuation**. Be sure there are **spaces** between your words and it **makes sense**.



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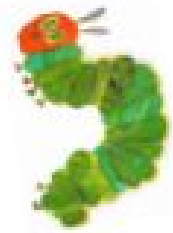
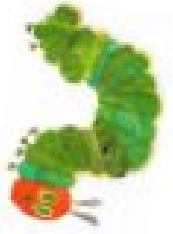
🐛 GO back and check your work. 🐛

Monday, June 8 continued



 Listen to the story of The Very Hungry Caterpillar by Eric Carle
<https://www.youtube.com/watch?v=btFCtMhF3il> (4 mins.)

 Draw and label the foods the caterpillar ate Monday through Friday on the Flow Map.

Name _____ Date _____

						
		Monday	Tuesday	Wednesday	Thursday	Friday
1st						
2nd						
3rd						
4th						
5th						

The Very Hungry Caterpillar Flow Map

 **Challenge:** On the back draw and label all the foods the caterpillar ate on Saturday. 

Monday, June 8 continued

 Read vocabulary words and **complete** a matching worksheet.

Vocabulary

Life cycle- the process of moving from one stage of life to another (egg-caterpillar (larva)-pupa-butterfly)

Cocoon- a shell formed around a moth larva for protection during the pupal stage

Chrysalis- a shell formed around a butterfly larva for protection during the pupal stage

Metamorphosis- a change of physical form such as a caterpillar to a butterfly

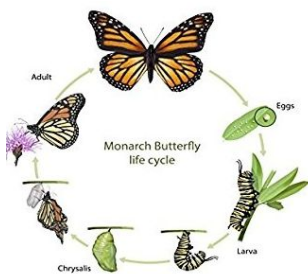
Egg- a protective hard shell from which a baby caterpillar hatches

Larva-a caterpillar that hatches from an egg

Pupa-the stage of a caterpillars life where it builds a protective covering (chrysalis/butterfly or cocoon/moth) around itself so that it can turn into an adult

Butterfly-an insect that flies around in the daytime with brightly colored wings and a hollow tongue for sucking nectar from plants

Illustrations of the Vocabulary Words



Name _____ Date _____

Matching Vocabulary Worksheet

Directions: Draw a line from the word to the correct definition. Use the vocabulary from above to help you.

WORD

DEFINITION

butterfly

the process of moving from one stage of life to another stage

life cycle

a caterpillar that hatches from an egg

egg

a shell formed around a moth larva for protection during the pupal stage

pupa

the stage of a caterpillars life where it builds a protective covering around itself so it can turn into an adult

cocoon

an insect that flies around in the daytime with brightly colored wings and a hollow tongue for sucking nectar from plants

larva

a protective hard shell from which a baby caterpillar hatches

metamorphosis

a shell formed around a butterfly larva for protection during the pupal Stage

chrysalis

a change of physical form such as a caterpillar to a butterfly

Caterpillar Diagram

Directions:

1. Cut the word boxes apart.
2. Read the "Caterpillar Clues" for helpful hints.
3. Glue the words to show the matching parts.
4. Color the larva to look real.

Head	Thorax	Abdomen	True Legs	Prolegs
Setae	Eyes	Mandible	Spiracles	Spinnerets

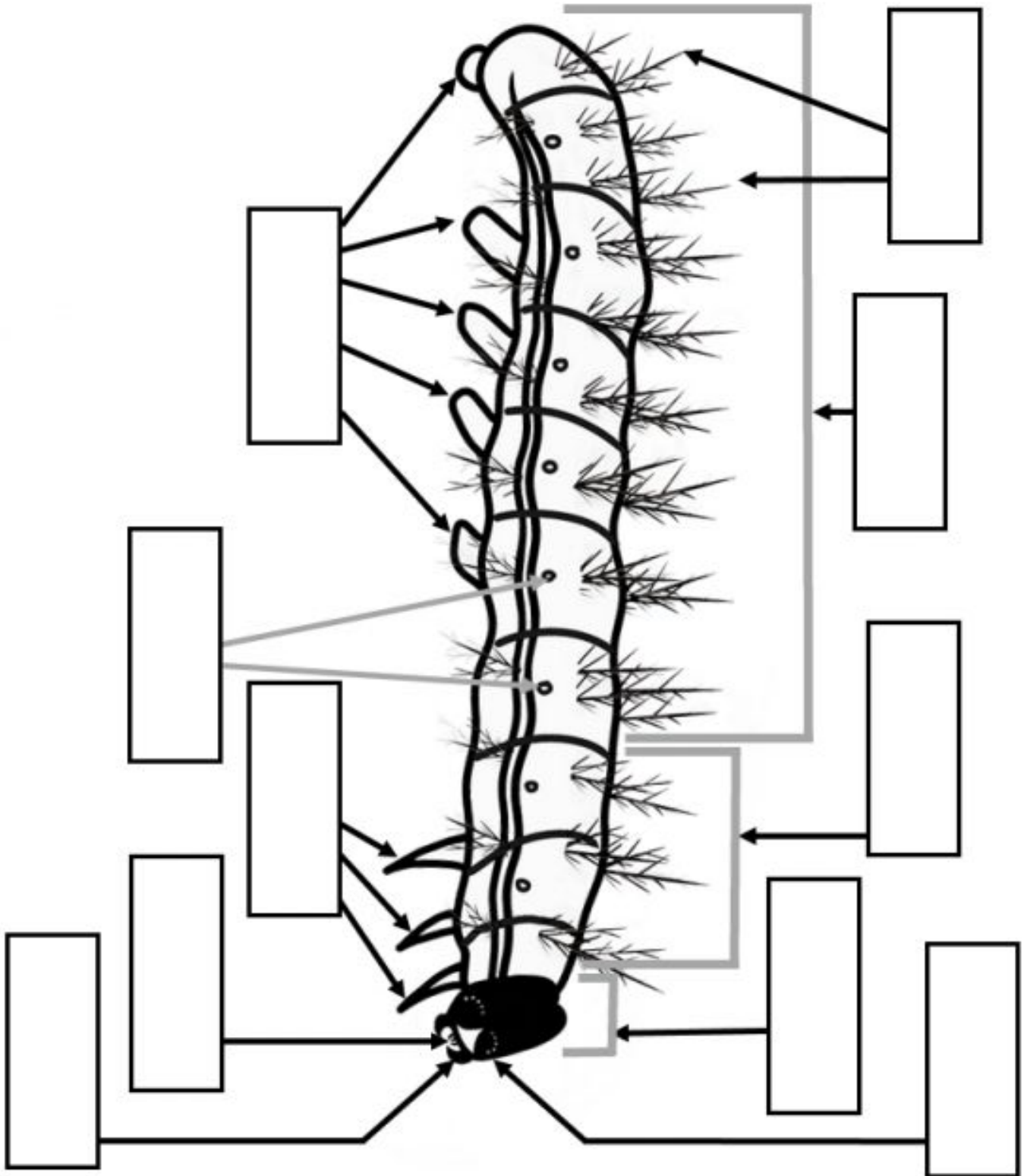
Caterpillar Clues

1. The head is the small, round body part at the front of the caterpillar.
2. The thorax is the middle body part with the true legs.
3. The abdomen is the long, back body part with the prolegs.
4. The true legs are the three pairs of jointed legs closest to the head.
5. The prolegs are the five pairs of legs on the back body section.
6. The setae are bristles that help the caterpillar sense what is around it.
7. The six sets of tiny eyes only help the caterpillar see light and dark.
8. The mandible is the jaw that grabs and chews leaves.
9. The spinnerets on the bottom of the mouth make webbing.
10. The spiracles are small holes along the body that help the caterpillar breathe.

NAME _____

DATE _____

Caterpillar Diagram



- Tuesday, June 9 AND Wednesday, June 10

 Watch Video <https://www.youtube.com/watch?v=V5RSpMQ00pw> (4 mins)

Make your own Life Cycle of the butterfly. **Color, cut** and **glue** the butterfly life cycle. **Write a super sentence about each stage.** **Put** the stages in order. **Use** the arrows to create a life cycle circle showing the life cycle of a butterfly. **Use** the word bank to help you **write** beautiful sentences. (Hint: use first, second, next, then, last) You may **use** the word bank as labels if you choose. **Take** a picture and send it to your teacher.

 **Take** a movement break from your project and **do** the butterfly dance.

<https://www.youtube.com/watch?v=1EQeYA5Qbic> (3 1/2 mins.)

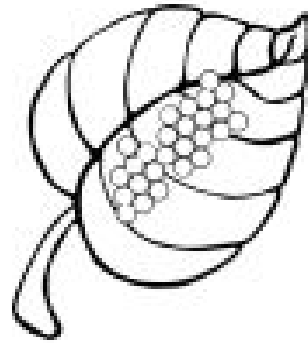
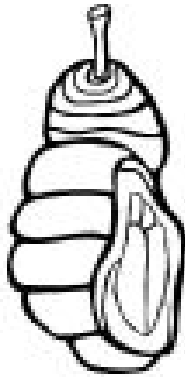
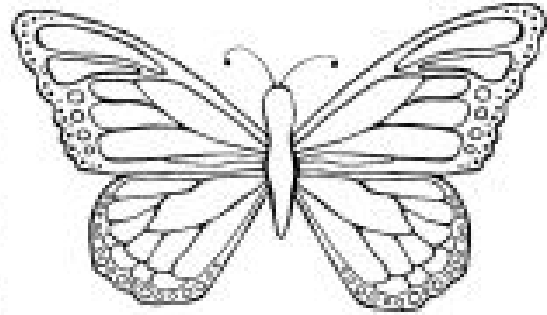
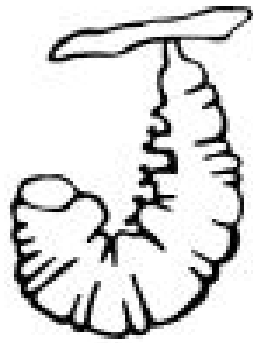


Example of your final project. You do not need to use construction paper.

Word Bank

butterfly
caterpillar
hatch
eggs
leaf
chrysalis
life cycle

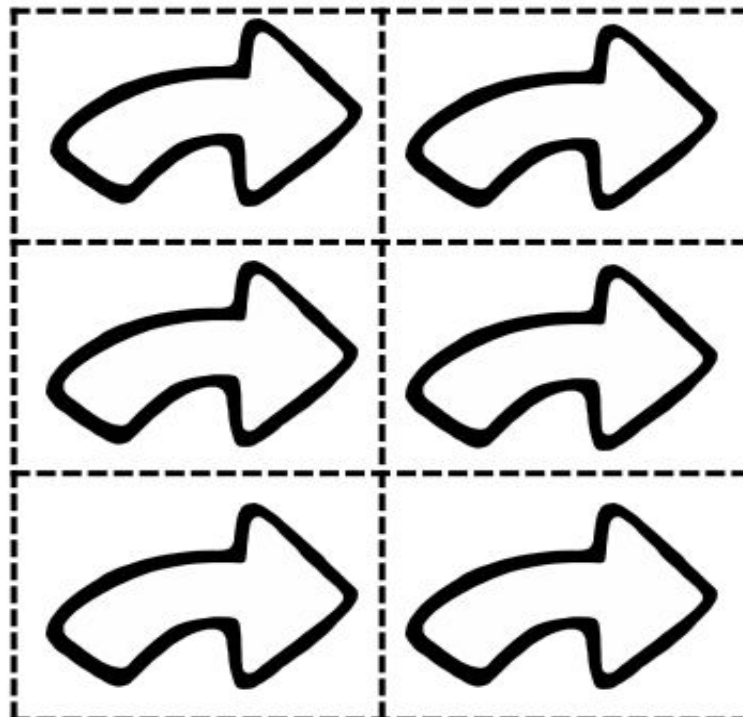
Butterfly Life Cycle Stages



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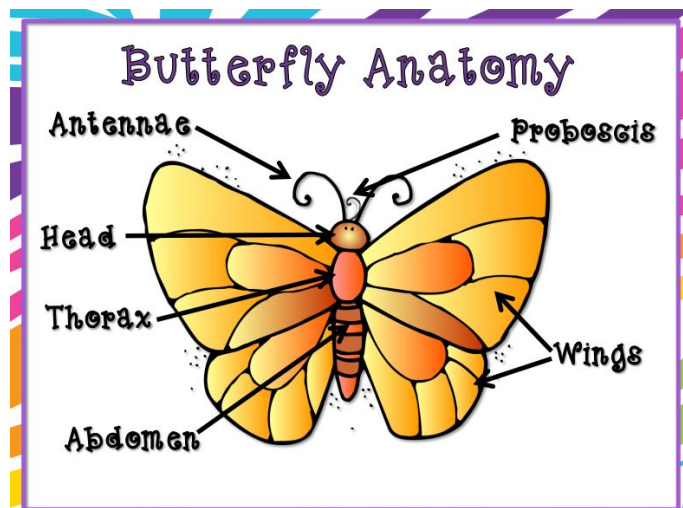
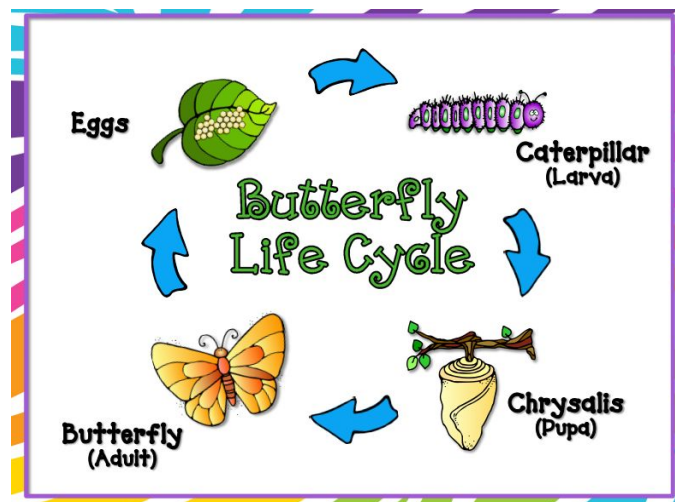
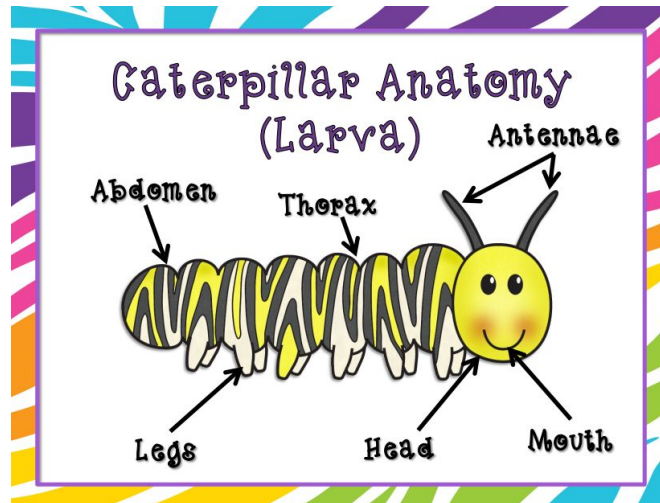
There are 6 white sheets, you only need 5.

Color these arrows and use them to help you show the butterfly life cycle.



- Tuesday, June 9 AND Wednesday, June 10 continued

🐛🦋 View the colorful anchor charts below. Read carefully.



- Tuesday, June 9 AND Wednesday, June 10 continued

🐛🦋 Read and sing 🎵 the Butterfly Cycle song. Have fun with the hand motions.



Butterfly Cycle

Tune: Row, Row, Row your boat

<u>words-</u>	<u>motions-</u>
Hatch, hatch, little egg, I'm so very small.	← Cup hands and carry the egg
Teeny tiny caterpillar, you Can't see me at all.	← Use thumb and first finger to make a small gesture.
Crawl, caterpillar, crawl, Munching on a leaf	← Use fingers to crawl in the air.
Crawling, munching, crawling, munching, Eat and eat and eat.	← Bring hands to mouth to look like they are eating.
Form, form chrysalis I'm a different shape, Hanging by a silken thread until I can escape.	← Move hands as if holding or forming an invisible ball ← Hold up hand as if a string was hanging down.
Rest, rest, chrysalis while I change inside.	← Put hands together and lay head on them, as if sleeping.
Now at last my time has come To be a butterfly.	← Point to wrist as if there was a watch.
stretch, stretch, pretty wings, It's a special day.	← Stretch!
soon they will be strong enough For me to fly away.	← Use your arms to make your strong muscles.
Fly, fly, butterfly, Fly from flower to tree.	← Fly!
Find a place to lay my eggs so they can grow like me.	← Put hand over eyes, as if looking for something

- Thursday, June 11

 Watch the story Butterfly House By Eve Bunting And

 Answer the comprehension questions below.

<https://www.youtube.com/watch?v=10zztHq7w6w> (6mins.)

Name: _____ Date: _____

Butterfly House by: Eve Bunting

Directions : Circle the best answer A,B,C,or D.

1. When the little girl finds the butterfly it is a small worm or:

- A. Bug
- B. Chrysalis
- C. Larva
- D. Insect

2. Who helps the little girl take care of the butterfly?

- A. Her Grandmother
- B. Her Grandfather
- C. Her Mother
- D. Her Father

3. The little worm transforms into a butterfly inside its:

- A. Chrysalis
- B. Larva
- C. Hotel
- D. Jar

4. The little girl saves the small worm from a:

- A. Fishing hook
- B. Owl
- C. Hawk
- D. Blue Jay

5. The girl makes the small worm a house out of a:

- A. Jar
- B. Shoebox
- C. Doll House
- D. Both A and B

6. At the end of the story:

- A. The butterfly grows old.
- B. The little girl is old and still loves butterflies.
- C. The little girl goes to live at an orphanage.
- D. The little girl has to go back to school.

7. This story is mostly about:

- A. How to raise butterflies.
- B. Being kind to nature.
- C. Being a little girl.
- D. Growing old.

8. Fill in the missing parts of a friendly letter. Put a letter on each line.

How are you? I've missed you so much lately. I've really been enjoying remote learning from home. I'm looking forward to this weekend. I can't wait for summer! Write back soon.

- A. Dear Friend,
- B. June 12, 2020
- C. Lisa Gatto
- D. Sincerely,

9. Write the days of the week:

_____, _____, _____,

_____, _____, _____,

and _____

10. Why is it important to be kind to nature? Use a complete sentence.

11. Write about you or someone you know doing something kind to nature. If you don't know any stories make one up.

12. How did you enjoy the story? Would you recommend the book to a friend? Why or why not?

Rate the book Butterfly House by Eve Bunting by coloring in the number of stars.



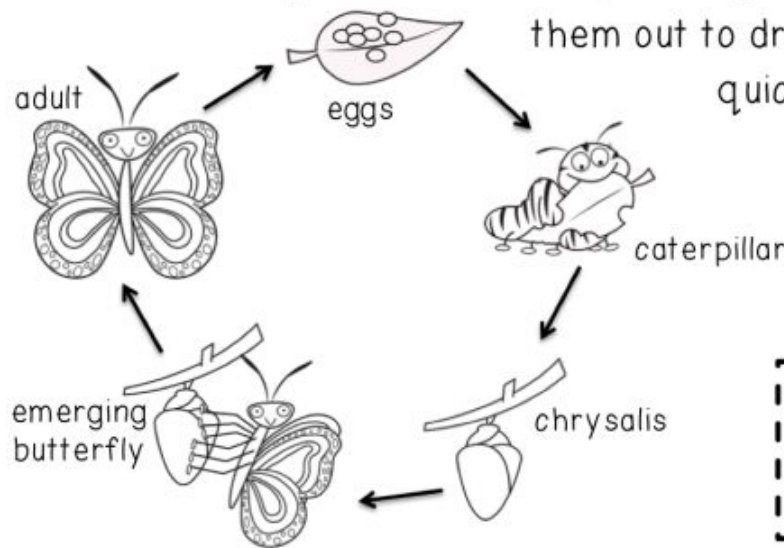
• Thursday, June 11 continued

🦋 Read below The Life of A Butterfly and **locate** the text features and **circle** them according to the directions below. Use the color key and **put** a check in each box.

Name: _____ Date: _____

THE LIFE OF A BUTTERFLY

Butterflies start out as **eggs**. After about five days, a butterfly egg hatches and out comes a tiny **caterpillar**. The caterpillar is very hungry when it comes out of the egg. It eats and eats and grows very quickly. When the caterpillar is done growing, it sheds its skin and forms a **chrysalis**, which is also called a pupa. The chrysalis is brown or green so that it is camouflaged in nature. Inside the chrysalis, the caterpillar begins to change into a butterfly. This complete change is called **metamorphosis** (*met-uh-mor-fuh-sis*). The change happens quickly! Soon, the chrysalis opens and an **adult butterfly** emerges. When the butterfly first comes out, its wings are damp, so it spreads



them out to dry. Butterflies learn to fly quickly after their wings have dried. Then, an adult butterfly lays eggs, and the life cycle starts all over again.

Like all cycles, the life cycle of a butterfly repeats itself over and over. Can you think of any other cycles?

.....

Locate the text features and circle them with the correct colors.
Check each box as you find each text feature.

- | | |
|------------------------------------------------|-------------------------------------------|
| <input type="checkbox"/> RED: bold text | <input type="checkbox"/> GREEN: diagram |
| <input type="checkbox"/> ORANGE: pronunciation | <input type="checkbox"/> BLUE: heading |
| <input type="checkbox"/> YELLOW: labels | <input type="checkbox"/> PURPLE: text box |

- Thursday, June 11 continued

🦋 Listen to the non fiction story Busy Butterflies read aloud.

<https://www.youtube.com/watch?v=ta8An-F07qI> (8 mins.) , then

🦋 Answer the comprehension questions

Name: _____

Comprehension

All About Butterflies



Life Cycle:

Describe each stage of a butterfly's life cycle.

Physical Description:

Tell what butterflies look like.

Habitat:

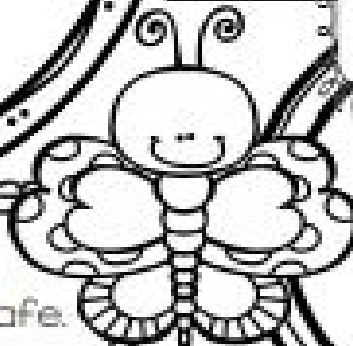
Describe where butterflies live.

Defenses:

Write about how a butterfly keeps itself safe.

Diet:

List some things that butterflies eat.



• Friday, June 12

🦋 **Watch** -VIDEO: The Magic School Bus: The Butterfly and The Bog Beast:
<http://www.watchknowlearn.org/Video.aspx?VideoID=51648> (25 mins)

🦋 **Watch** the very Hungry caterpillar Animated Film
<https://www.youtube.com/watch?v=NaD63CQ61Go> (6 mins)

🦋 **Complete**, Parts of a Butterfly worksheet.

Name _____

PARTS OF A BUTTERFLY

Directions: Match the part of the butterfly with the definition



Head	Attached at the top of the head and used for sense of smell and balance
Antennae	The body section between the head and the abdomen
Wings	Contains the heart, organs, and digestive system
Abdomen	A straw-like part used to sip nectar
Proboscis	Contains the brain, eyes, proboscis and has 2 antennae attached
Thorax	Used to fly

Friday, June 12 continued

🦋 Do word search

Butterfly Life Cycle Word Search

M	L	I	F	E	C	Y	C	L	E	A	B	C
I	E	D	E	F	E	G	H	I	M	I	U	C
L	J	T	K	L	A	G	N	W	E	Y	T	A
K	M	E	A	T	I	N	G	N	R	O	T	T
W	P	Q	R	M	E	S	T	U	G	V	E	E
E	M	I	B	A	O	T	P	T	I	E	R	R
E	R	F	V	L	Y	R	U	K	N	M	F	P
D	E	R	A	P	M	I	P	L	G	K	L	I
G	A	E	G	C	H	R	A	H	S	A	Y	L
L	J	-	S	H	A	P	E	L	O	M	O	L
N	M	O	N	A	R	C	H	A	R	S	C	A
E	A	L	M	I	G	R	A	T	E	I	I	R
L	I	F	S	C	H	R	Y	S	A	L	I	S



butterfly



milkweed



egg



larvae



eating



caterpillar



j-shape



chrysalis/pupa



emerging



metamorphosis



life cycle



Monarch

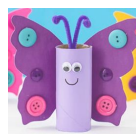


migrate

🦋 Make your own butterfly. Suggested ideas. Use your handprints.



Use a toilet paper roll.



Use a paper plates and dollies.



 Make your own caterpillar.

Paper Chain Caterpillar

Supplies needed: construction paper, scissors, glue stick, and markers or crayons.

Directions:

Cut out 13 strips of paper that are 1 inch by 6 inches, and one that is 4 inches square.



Form one of the strips into a circle and secure it with glue.



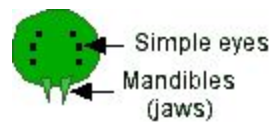
Form the next paper strip into a circle connected to the first loop.



Continue until all 13 circles are connected, making a chain. Each loop is a segment of your caterpillar.



Cut a circle from the paper square to make a head for the caterpillar. Using a marker or crayons, add some simple eyes. Caterpillar eyes can only detect light vs. dark. Glue on two tiny triangular jaws (mandibles). Caterpillars use these to eat leaves.



Glue the head to the caterpillar.

Optional: Make a nice, tasty leaf for your caterpillar to eat and rest on.

