

DETAILED Substitute Instructions

thank you for working in our class today!

Please complete the following

Most pages are self-explanatory. Please instruct students to complete the following activities.

*If a page does not have a space for students to write their answers, please have them write on the back of the page.

Catch Those ANTONYMS LANGUAGE 2.5	Write the following words on the board: ANTONYMS. Ask students to find three antonyms for each word. On this page, students will write down one antonym for each word. Color code key: Even = green, odd = red. <u>EARLY FINISHERS:</u> On the back of this page, ask students to make a list of all the animals that EAT bugs. How many predators can they think of?
Creepy Crawly Sentences LA.1.2.3	<u>BREAK BETWEEN WORDS:</u> spider, grasshopper, fly, ant, bee, wasp, caterpillar, ladybug, tick, flea, mite, mosquito. Pick one word at a time and ask students to write a sentence using that word. Then ask for so the TEACHER gets a point. —Partner students up and ask for so the TEACHER gets a point. —Partner students up and ask for so the TEACHER gets a point. then they will paste the word on the line and color all the letters. <u>EARLY FINISHERS:</u> Ask students to draw a picture of their favorite part in this movie, show, or book.

How Insect-Interesting! ODD or EVEN MATH 2.OA.B.2	Discuss even and odd numbers. Write some numbers on the board and ask students to help you figure out if the numbers are even or odd. Complete a few of the equations as a class before letting students work independently. After solving all the equations, students will color the numbers based on whether the SUM is EVEN or ODD. EVEN SUMS- ORANGE ODD SUMS- BLUE You can demonstrate this for students by completing a few boxes as you get students started and (if you see the need) you can also partner students to complete this page. When students are done, a number will be revealed. <u>ANSWER: 100</u> Students will write 100 on the blank line. Discuss this fact with students: how fast can they beat/flip their arms in one second? <u>EARLY FINISHERS:</u> On the back of this page, ask students to write about where they would fly if they were a butterfly for one day. Encourage them to explain why and illustrate their story.
BUGGY Word Problems MATH 2.OA.A.1	<u>BREAK BETWEEN WORKSHEETS:</u> Play Little Flea, Count for Me. Explain the following rules: You will name an insect (students can help) and students will count from 50-100 by 2s moving like this insect. Start Flea. A flea hops and so students will count from 50-100 by 2s while hopping. Continue counting from 50-100 by 2s with other insect movements until you have had a good movement break. —On this page, students will read each word problem and decide whether ADDITION or SUBTRACTION is needed to solve it. If desired, work on page as a whole class or partner students. Ask students to color the top half of the page yellow and then write the equation with the answer below it. When students are finished, ask students to color all the INSECTS names GREEN and all the NON-INSECT names BLUE. Review the words that students colored. <u>EARLY FINISHERS:</u> On the back of this page, challenge students to create their own math story problems involving insects. This can be an addition or subtraction problem. If there are other early finishers, have students solve each other's story problems.
Something I Already Knew & Something I Learned READING RESPONSE RI.2.1	If I have left you a book about insects, please read that. If you have not left you a book, please pick a NONFICTION book out of our classroom library. *If you can find a book about the INSECTS or BUGS, it would be awesome but it really can be any kind of nonfiction book! <u>Before Reading:</u> Ask students to tell you what they already know about insects. Write their responses on the board. <u>After Reading:</u> Ask students what they learned from this book. Write their responses on the board. —Students will write about something they already knew about this subject and something they learned from the book. <u>EARLY FINISHERS:</u> On the back of this page, ask students to draw and label the insects or bugs they have seen in real life. Challenge students to draw a little star next to all the bugs they have not just seen, but actually touched.

- How to introduce each activity
- Tips for completing each activity
- Ideas for EARLY FINISHERS
- BRAIN BREAK Ideas

If I was an insect... WRITE V.2.2	Help students brainstorm the things insects need to survive. Discuss what they already know about insects. What questions do they still have? If students had to turn into an insect, which insect would they pick? Students will write and draw a picture about what their day would be like as this insect. If time, students can share their stories with the class. <u>EARLY FINISHERS:</u> On the back of this page, ask students to make a list of all the animals that EAT bugs. How many predators can they think of?
INSECT OR NOT? Bug Sort CC.18-1.3-1	Ask students to read the passage full of clues to match each bug to the classmate that brought it to school. TIP: Don't let students glue down the answers until they have laid them in the spots they plan to glue them in to double-check the clues. Next, ask students to sort the sentences about insects according to whether they are true or false. They can refer back to paragraph to determine whether they are true or false. <u>EARLY FINISHERS:</u> Ask students to think of a movie, tv show, or book that has talking bugs in it. On the back of this page, students will draw a picture of their favorite part in this movie, show, or book.
What in the world? they EAT bugs?! CULTURAL FOOD	THE TEACHER WILL READ ALOUD THIS PASSAGE FIRST, and then ask students to read it again independently. Ask students to highlight the bug names with a yellow crayon. Students will answer the questions referring back to the passage. Last, ask students to draw a picture or write about what they learned about eating bugs in Thailand and Brazil. <u>EARLY FINISHERS:</u> On the back of this page, challenge students to create a recipe involving insects. Would it be a soup? Pie? Sandwich? How would they make it delicious? Would they try a bite? What would it look like?

Language Arts Activities

Catch Those ANTONYMS: Bug Collection

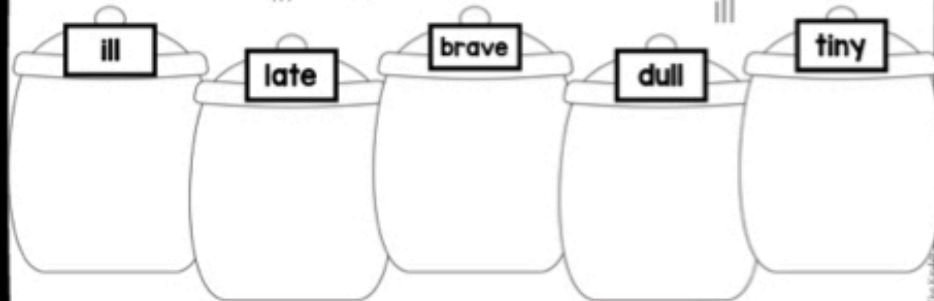
Circle the ANTONYM of each word on the right using the color key. Each time you find an ANTONYM, "catch" it by putting a tally in correct jar at the bottom of the page. When you are finished, count how many of the ANTONYM for SHARP that you found and circle the answer at the bottom. That number will tell you what word goes in the blank!

enormous - green
early - blue
frightened - orange
healthy - yellow
sharp - brown



Name _____

dull tiny tiny late brave late late
 brave dull dull tiny dull
 tiny ill ill brave late ill
 brave brave tiny late brave tiny
 dull late tiny ill dull ill tiny
 brave late ill brave ill ill
 tiny dull brave ill late
 late late ill brave late tiny ill brave



How many ANTONYMS for the word **SHARP** did you find?

4- cold
 8- warm

Insects are _____ blooded!

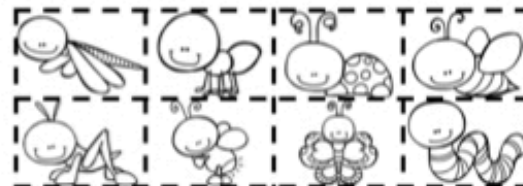
READ & MATCH: Creepy Crawly Sentences

Read each bug clue and write the name of the bug that the clue is describing. Then, paste the correct bug in the farthest box to the right. Next, color all the INSECTS- GREEN and the bugs that are NOT INSECTS- BLUE.

write it paste it

clue	write it	paste it
I have five hearts but no legs. You'll see me in the dirt.		
I am super strong and can carry things that weigh way more than myself. You might step on me and not even know it.		
I live in the tall grass and I might even startle you when I move. I have eleven letters in my name.		
My name might make you think I breathe fire, but I don't. I'm a long bodied bug that has been around for 300 million years.		
My home rhymes with five. If you come near me, I might sting you.		
Although my name might make you think we are all girls. We are beetles that can be boys or girls.		
I start out as something that crawls, and then I become something that can fly.		
Some people call me a lightning bug. My light warns predators that I don't taste good.		

Name: _____



WORD BANK

ladybug grasshopper
 firefly bee ant
 dragonfly worm butterfly

Math Activities

How "Insect-eresting"! ODD or EVEN

Solve each equation and the color each box according to the color code below.

If the sum is **EVEN**, color it **orange**. If the sum is **ODD**, color it **blue**.

$2+9=$	$4+9=$	$0+9=$	$3+0=$	$1+4=$	$7+2=$	$8+3=$	$5+8=$	$8+9=$
$2+6=$	$7+6=$	$8+8=$	$2+0=$	$0+6=$	$2+9=$	$2+2=$	$6+4=$	$8+6=$
$8+8=$	$1+2=$	$3+5=$	$2+1=$	$6+6=$	$2+1=$	$2+0=$	$1+8=$	$5+1=$
$4+2=$	$8+9=$	$8+4=$	$0+9=$	$3+3=$	$3+0=$	$0+8=$	$5+6=$	$7+7=$
$4+0=$	$7+8=$	$9+1=$	$9+9=$	$1+7=$	$7+8=$	$6+8=$	$5+8=$	$9+9=$
$7+7=$	$5+4=$	$2+5=$	$1+8=$	$2+2=$	$8+3=$	$4+4=$	$7+2=$	$9+3=$
$9+3=$	$2+7=$	$2+1=$	$2+5=$	$1+1=$	$2+7=$	$3+9=$	$9+4=$	$4+0=$
$2+8=$	$8+3=$	$0+9=$	$7+2=$	$9+5=$	$1+6=$	$5+7=$	$3+6=$	$4+6=$
$5+5=$	$0+1=$	$0+3=$	$5+6=$	$7+3=$	$5+0=$	$9+1=$	$9+7=$	$3+7=$
$2+5=$	$2+3=$	$6+3=$	$6+7=$	$2+9=$	$4+1=$	$7+6=$	$8+9=$	$2+9=$

What three-digit number is shown in orange? Write this number in the blank below.

A bee's wings beat _____ times a second!

Name: _____

18.01.2.0A.9.2



Buggy WORD PROBLEMS

Read each word problem and decide whether you will use ADDITION or SUBTRACTION to solve it. Color the operation you will use and then write the equation with the answer below it.

Name: _____

<p>Gerda is a beekeeper. She had 278 bees. Her grandpa gave her 121 more bees. How many bees does she have now?</p>	<p>Kilt caught 146 butterflies in April. He let go 115 butterflies in May. How many does he still have captured?</p>	<p>Marsha has 30 centipedes. She has 120 slugs. She has 40 crickets. How many bugs does she have all together?</p>	<p>Vince found 26 ants crawling in his yard. Then, he accidentally stepped on 10 of them. How many did he still see crawling?</p>
addition subtraction	addition subtraction	addition subtraction	addition subtraction
<p>Jon started with 399 ladybugs. Yesterday, 200 ladybugs flew away. How many ladybugs does Jon still have?</p>	<p>Bud had 89 butterflies. Bud let go of 58 butterflies on Saturday. On Sunday, he let go of the rest of his butterflies. How many did he let go on Sunday?</p>	<p>Jules had 43 spiders and 55 grasshoppers. How many bugs did he have in all?</p>	<p>Siada saw 49 fireflies on Thursday. She saw 33 fireflies on Friday. How many more fireflies did she see on Thursday compared to Friday?</p>
addition subtraction	addition subtraction	addition subtraction	addition subtraction
<p>Amy had 55 snails. Her brother's pet bird ate 43 of them. Then, her pet hedgehog ate 10 of them. How many snails and does she have now?</p>	<p>Preeda bought her frogs 120 grasshoppers on Monday, 35 grasshoppers Tuesday, and 12 grasshoppers on Wednesday. How many grasshoppers did she buy all together?</p>	<p>Mia dug up 145 worms this summer. Last summer, she dug up 140. How many worms has she dug up in all?</p>	<p>Grant found 30 spiders in his attic, 24 spiders in his basement, and 15 spiders in his garage. How many spiders did he find in all?</p>
addition subtraction	addition subtraction	addition subtraction	addition subtraction

CHALLENGE: Color all the bug names that are INSECTS with a green crayon.

Color all the NON-INSECT names with a blue crayon.

*Hint beetles are insects.

18.01.2.0A.1

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Writing

Reading Response

If I was an insect...

Title: _____

Something I already kNew:

Something I LeARNed:

Name: _____



Name: _____

Social Studies

Science

What in the world?! They eat bugs?!



Listen to the following passage and color all the bug name with a yellow crayon. Next, answer the questions below. At the bottom, draw or write what you learned about eating bugs in Thailand and Brazil.

Insects are considered very nutritious! They are high in protein and low in fat. In fact, about 80% of the world's population eats insects on purpose! You might not even know you are, because plants that are used in foods like tomato soup, cereal, peanut butter, and chocolate are allowed to contain a small amount of insects and still be considered safe to eat.

Entomophagy is the practice of eating bugs! Some of the insects usually eaten include grasshoppers, ants, termites, wasps, spiders, and beetles. Although these insects might be nutritious, it is warned that you shouldn't eat these insects raw and instead cook them first. Raw insects contain compounds that could be poisonous or make you sick.

In Thailand, fried grasshoppers are commonly served as snacks. Most grasshoppers are around 10 centimeters or so in length and are cooked legs, wings, and all. Eating ant eggs and worms is also popular too.

In Brazil, their favorite bug snack is a queen ant. Each October and November, these queens fly to a town called Silveiras. They collect them, remove their wings, and then dip them in chocolate. They say it tastes like mint! During this time, you can also buy items with the picture of the queen ant on them. Unfortunately, the number of ants has been dwindling because of pesticides and so these snacks might not be around much longer!

Why should you eat bugs? _____

Why shouldn't you eat raw bugs? _____

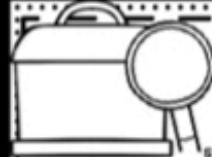
Do you eat bugs without knowing it? How? _____

THAILAND

BRAZIL

SOCIAL STUDIES: CULTURAL FOOD

Name: _____



INSECT OR NOT? Bug Sort

Max's classmates all brought in different bugs for SHOW and TELL. Read the clues below to match each classmate with his or her bug and paste the statements in the column based on whether they are true or false about insects.

PARKER		
EASTON		
NASH		
MILA		
CHLOE		
JAXON		

Max's teacher told the class that insects have six legs and three body parts. Nearly all insects have antenna, lay eggs, and have one or two pairs of wings.

Nash brought the bug that had more than seven legs. Chbe brought the bug that starts out as a caterpillar. Jaxon brought the bug that has no legs and starts with a letter at the end of the alphabet. Mila brought an insect whose name is spelled with three letters. Parker brought the slimy bug that most people don't want in their garden. Max's last classmate brought the bug that is great at hopping.

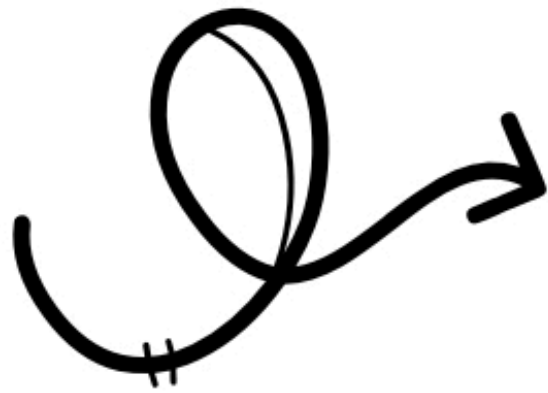
True	False

Name: _____

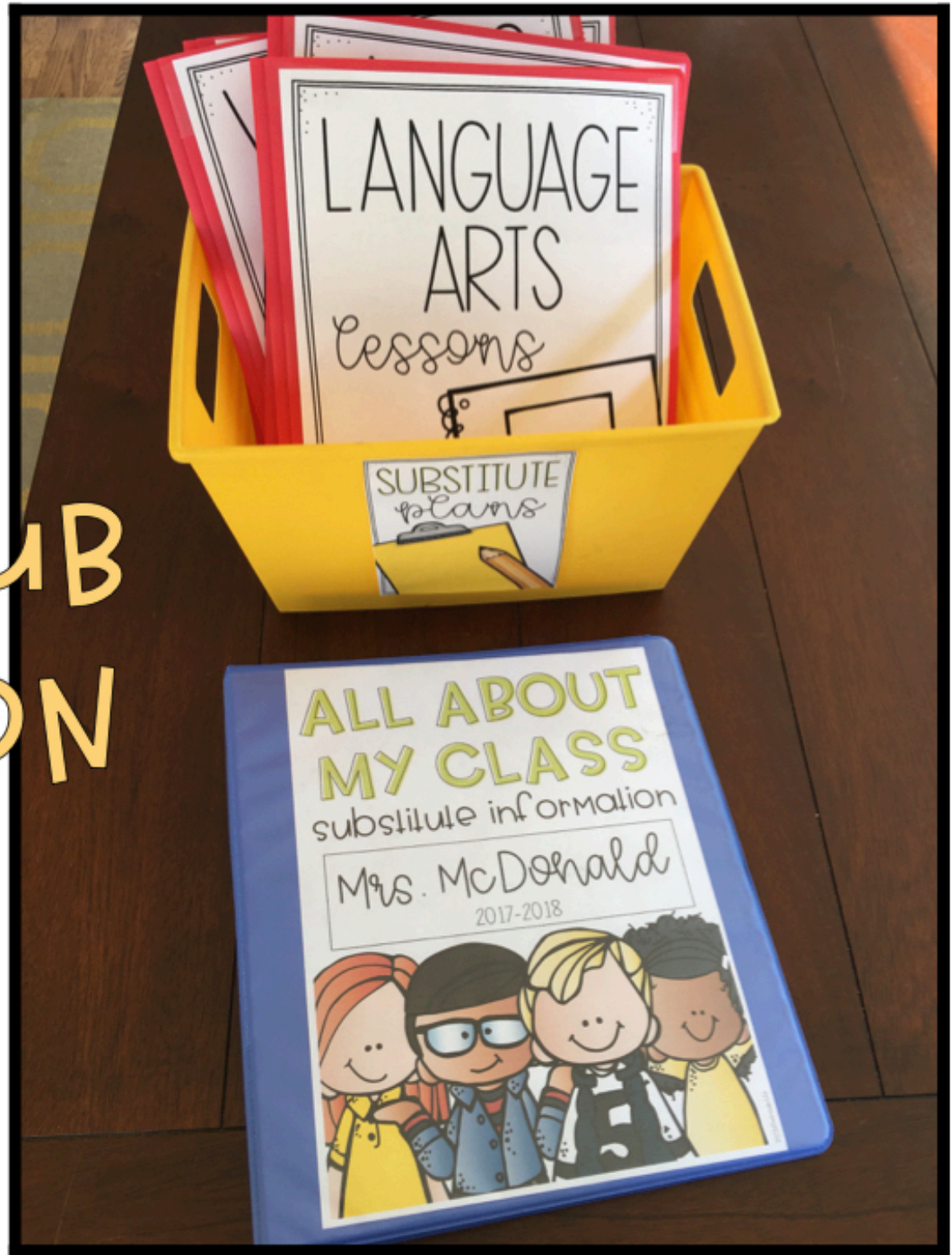
Insects don't EVER have wings.	Insects have six legs.				Insects have three body part.
		Insects have four legs.		All insects lay eggs.	Most insects have one or two pairs of wings.

SCIENCE: INSECTS

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PLUS!!
EDITABLE SUB
INFORMATION
BINDER



BONUS: TASK CARD GAME INCLUDED

SYNONYM OR ANTONYM

Read the two words on each card and decide if they are ANTONYMS or SYNONYMS. In each matching circle write the letter S if the words are synonyms or A if the words are antonyms.

Name: _____

SYNONYM OR ANTONYM

Read the two words on each card and decide if they are ANTONYMS or SYNONYMS. In each matching circle write the letter S if the words are synonyms or A if the words are antonyms.

Name: _____

80	synonym	antonym
81	synonym	antonym
83	synonym	antonym
86	synonym	antonym
89	synonym	antonym

81
clean
dirty

80
gigantic
huge

SYNONYM OR ANTONYM

Read the two words on each card and write a sentence using one of the words on the card. Next, decide if the two words are ANTONYMS or SYNONYMS. If the two words are SYNONYMS, color the S. If the two words are ANTONYMS, color the A.

Name: _____

80	S A
81	S A
82	S A
	S A
	S A
	S A
	S A
	S A
	S A
	S A
90	S A
91	S A

synonyms: words that mean the same
antonyms: words that mean the opposite

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