

DETAILED Substitute Instructions

thank you for working in our class today!

Please complete the following

Most pages are self-explanatory instructions

FREEZING PUNCTUATION
LJ.2.3

Before starting this page, determine whether a punctuation mark is needed in each box. Feel free to confer independently. After answering the question with its answer, color the box the same color. For example, seals could both be a match (question & answer) when reviewing this challenge students to learn about Arctic Arctic Fox and label.

SAY WHAT?
Arctic Animals
LA.3.3.3

BREAK BETWEEN WORKSHEETS: Ask students to come up to the front of the room and lay all the MOVE LIKE ME cards on the floor. Explain the following: Each student to come up to the front of the room and make a pose (hop, fly, crawl, stand up and make a pose) to the carpet and sit on the floor, and acting like that animal. —On this page students will read about the class, ask students to read about the facts about these animals. After students read about the facts about these animals, students will draw a picture of the animal. **EARLY FINISHERS:** Challenge students to draw a picture of the animal on the back of this page. What is the sky or on land? A

HOW DOES A WALRUS FIND ITS FOOD?
MATH
1.OA.D.8

Review a few simple missing addend addition problems with the class by writing the following equations on the board: $2 + _ = 7$, $3 + _ = 5$, $1 + _ = 4$. Ask students to explain how they can figure out each equation. Can they use their fingers? Draw a picture? Use a number line? On the page, students will solve each of the missing addend addition problems by writing the answer on the line. Next, students will color each box they wrote on the line. Feel free to demonstrate with students before asking them to work independently. If they have finished color coding, they will write the letter to the **BOTTOM** to figure out the word that goes in the walrus finds its food. **ANSWER: WHISKERS.** Discuss additional information: A walrus has whiskers in 13 to 15 rows around the nose. These whiskers are attached to muscle nerves! **EARLY FINISHERS:** On the back of this page, ask students to draw/write about the thing they thought was MOST interesting (or really surprised them) about this topic on the back of the page.

HOW LONG IS A NARWHAL'S TOOTH?
MATH
1.NBT.B.2

BREAK BETWEEN WORKSHEETS: Ask students to count from 1-100 by 5s (and 2s!) moving in different directions. Can they hold a plank position while counting until students have had a good movement break? —Before starting this page, write the following numbers on the board: 73, 24, 88. Discuss which numbers are SMALLER/LESS THAN 50. How many numbers are BIGGER/GREATER than 50. How many numbers are LESS THAN 50? **YELLOW:** Next, students will color the numbers in the blue boxes will reveal a two-digit number. **ANSWER: 73.** Ask students to come up to the front of the room and lay all the MOVE LIKE ME cards on the floor. Explain the following: Each student to come up to the front of the room and make a pose (hop, fly, crawl, stand up and make a pose) to the carpet and sit on the floor, and acting like that animal. —On this page students will read about the class, ask students to read about the facts about these animals. After students read about the facts about these animals, students will draw a picture of the animal. **EARLY FINISHERS:** Challenge students to draw a picture of the animal on the back of this page. What is the sky or on land? A

THE COOLEST ARCTIC ANIMAL...
WRITING
WJ.1

Read aloud the Arctic animal options on the top of the page. Write their responses on the line. Ask students to write about the ONE Arctic animal they think is the COOLEST. Then, students will draw and write about what they think this animal is the coolest. **EARLY FINISHERS:** On the back of this page, ask students to draw/write about the thing they thought was MOST interesting (or really surprised them) about this topic on the back of the page.

3 THINGS I LEARNED READING NONFICTION
RI.2.2

If I have left you a specific book, please use it for this activity. If I have not left you a book, please pick out a NONFICTION book from our classroom library. Before reading, review the title and ask students what they think the book will be about. Write their responses on the board. While reading, stop occasionally and ask students what they have learned so far. Write these responses on the board too. After reading, review the things you've written on the board. As a class, discuss what students think this book was mostly about. Assist students in writing a word or two to describe what this book was about at the top of the page. Next, students will draw & write about three things they learned from the book. **EARLY FINISHERS:** Challenge students to draw a picture of something they already knew about this topic on the back of this page. If they didn't know anything about this topic before, ask students to draw/write about the thing they thought was MOST interesting (or really surprised them) about this topic on the back of the page.

LET'S SAVE THE ARCTIC!
SOCIAL STUDIES
GLOBAL WARMING

Before completing this page, ask students if they know what **GLOBAL WARMING** means. Write their responses on the board. Discuss the following:
-There are lots of factors that contribute to Earth's climate. Climate is the weather condition over time. Many scientists agree that Earth has been getting warmer in the past 50 to 100 years due to human activities.
-Certain gases in Earth's atmosphere block heat from escaping, creating a greenhouse effect.
-These gases keep Earth warm like the glass in a greenhouse.
-Human activities — such as burning fuel to power cars and factories — are changing the natural greenhouse. These changes are trapping more heat than it used to, leading to a warmer Earth.
-In order to help, we need to change our actions. Read and discuss the things students can do to help. Write their responses on the bottom of the page. Next, discuss the things students can do to help. Read and discuss the things students can do to help. Write their responses on the bottom of the page. Next, discuss the things students can do to help. Read and discuss the things students can do to help. Write their responses on the bottom of the page. **EARLY FINISHERS:** Challenge students to draw a picture of the Arctic need ice! What does the ice look like?

ARCTIC, DESERT, OR RAINFOREST?
SCIENCE
ANIMAL HABITATS

Before completing this page discuss with students what an ARCTIC, DESERT, or RAINFOREST looks/feels like, and what the animals that live there are like. Write their responses on the line. Next, review the animals in the boxes on the page. Ask students to write about each animal using the word bank and the habitat of the page in the column showing its habitat. **EARLY FINISHERS:** Challenge students to draw a picture of the animal in the ARCTIC, the DESERT, or the RAINFOREST. Write their choice and why they chose this on the back of the page.

- How to introduce each activity
- Tips for completing each activity
- Ideas for EARLY FINISHERS
- Extension ideas for after

MOVE LIKE ME: ARCTIC ANIMALS



CARDS FOR BRAIN BREAK ACTIVITY



Language Arts Activities

freezing PUNCTUATION



Read each statement or question, and then color the punctuation that goes at the end. Next, write whether it is a question or statement in the far right box.

Name: _____

Read it.	Color it.	Write it: question or statement.
What do polar bears mostly eat	? .	
This Arctic is cold because it doesn't get any direct sunlight	? .	
Why is the Arctic so cold	? .	
A baby Arctic fox is called a kit	? .	
The Arctic is home to many animals including polar bears, moose, puffins, and seals	? .	
Polar bears mostly eat seals	? .	
When do baby snowy owls leave the nest	? .	
What is a baby Arctic fox called	? .	
Baby snowy owls leave the nest when they are about one month old	? .	
Who lives in the Arctic	? .	

BONUS: Match each question with its answer statement by coloring each match a different color.

LJ28

SAY WHAT?! ARCTIC ANIMALS



First, read all the underlined words and color the matching picture to the right. Next, read (or listen to) the fact about each Arctic animal and draw a picture to match in the far right blank box.

Read the fact.

Color the underlined word.

Illustrate the fact.

Harp seals like to dive into the icy waters of the Arctic. They are able to remain underwater for up to 15 minutes without needed to take a breath.



Snowy owls mainly like to eat the lemmings that live in the Arctic. When these owls get a lot to eat they will lay more eggs than usual. If they don't get enough to eat, they won't lay eggs.



Arctic moose are huge animals and some are almost 7 feet tall. These animals are not only tall, they are fast too. Just five days after birth, an Arctic moose can outrun a human.



Although a polar bear looks white, its fur is not white. A polar bear's fur is actually transparent and its skin is black! A polar bear's fur looks white because of the way the light reacts to each hair of the fur.



The Arctic fox and the Arctic hare both use their fur to keep warm! But why also use their fur to hide from predators. During the summer their fur is bluish-gray color and during the winter it turns white. Their white fur helps them blend in with the snow. This also helps them stay hidden while they hunt for food too!



BONUS: Circle all the Arctic animal names you can find in these facts with a YELLOW crayon.

LA-RF13

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Math Activities

HOW LONG IS A NARWHAL'S TOOTH?

His tooth? Yes! That tusk-looking thing on the front of a Narwhal is actually just an overgrown tooth! How long can this tooth get? Color all the numbers LESS than 50 with a YELLOW crayon. Color all the numbers with LARGER than 50 with a BLUE crayon. After coloring, a number will be revealed!



Name: _____

11	44	15	9	32	14	12	22	26
10	65	33	39	76	67	89	84	79
29	80	13	1	55	22	11	23	56
45	93	28	23	77	24	43	25	59
42	56	13	6	51	21	42	24	53
21	88	38	37	64	31	19	30	80
7	92	49	27	82	5	16	20	91
48	66	17	12	60	41	2	14	78
18	70	47	36	55	15	17	40	71
34	87	35	4	79	99	77	57	56
20	46	19	18	8	26	16	25	3

A narwhal's tooth can grow up to _____ feet long!

What two-digit number was revealed in blue above? Write it in the blank of the fun fact.

1.NBT.B.2

HOW DOES A WALRUS FIND ITS FOOD?

What number is missing from each of the equations below? Fill in the missing number in each blank. Next, color each box according to the missing number and the color code below.

The missing number was... 2: BLUE 3: RED 4: YELLOW 5: GREEN



W $3 + \underline{\quad} = 6$	A $2 + \underline{\quad} = 7$	C $\underline{\quad} + 1 = 5$
H $1 + \underline{\quad} = 4$	B $2 + \underline{\quad} = 4$	F $0 + \underline{\quad} = 4$
M $0 + \underline{\quad} = 4$	O $6 + \underline{\quad} = 8$	I $\underline{\quad} + 2 = 5$
L $4 + \underline{\quad} = 6$	S $2 + \underline{\quad} = 5$	Y $0 + \underline{\quad} = 5$
X $0 + \underline{\quad} = 5$	Z $1 + \underline{\quad} = 6$	K $0 + \underline{\quad} = 3$
E $\underline{\quad} + 0 = 3$	T $1 + \underline{\quad} = 3$	Q $1 + \underline{\quad} = 6$
$3 + \underline{\quad} = 8$	R $\underline{\quad} + 1 = 4$	U $3 + \underline{\quad} = 7$
B $3 + \underline{\quad} = 5$	P $\underline{\quad} + 2 = 6$	S $3 + \underline{\quad} = 6$

Write the letters in the RED boxes (from top to bottom) on the line below.

A walrus uses its _____ to detect clams all the way at the bottom of the ocean. They can eat 4,000 clams in one sitting!

Name: _____

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





MATH 1.OA.D.8

Writing

Reading Response

The COOLEST ARCTIC ANIMAL...

Which Arctic animal do YOU think is the coolest? Why? Check the box of the Arctic animal you pick and explain why below.

<input type="checkbox"/>		narwhal	<input type="checkbox"/>		Arctic hare	<input type="checkbox"/>		Arctic fox
<input type="checkbox"/>		snowy owl	<input type="checkbox"/>		Arctic moose	<input type="checkbox"/>		polar bear
						<input type="checkbox"/>		harp seal
						<input type="checkbox"/>		walrus

THIS BOOK IS ABOUT:

3 THINGS I LEARNED



Social Studies

Science

LET'S SAVE THE ARCTIC!



This poster was created by:

- Ways to WE can help to reduce global warming:
- Recycle or use reusable items like plastic coffee cups, metal straws, fabric grocery bags, etc.
 - Use your car less. Walk, ride your bike, carpool, or take the bus when you can.
 - Turn off the lights when we aren't using them and use more energy efficient light bulbs!
 - Wear warmer clothes in your house instead of turning up the heat.
 - Hang up your wet clothes to dry instead of throwing them in the dryer.

SOCIAL STUDIES GLOBAL WARMING

The Earth is getting warmer and it is causing the ice to melt in the Arctic! Without ice, many animals living in the Arctic will have a hard time finding food. Without food, more of the animals living in the Arctic will die. Create a poster showing some ways we can help save the Arctic and its animals.


ARCTIC, DESERT, OR RAINFOREST? Animal Sort

Where would you see these animals living? Label each animal below using the word bank and then sort each animal below by pasting it in the column showing its habitat.

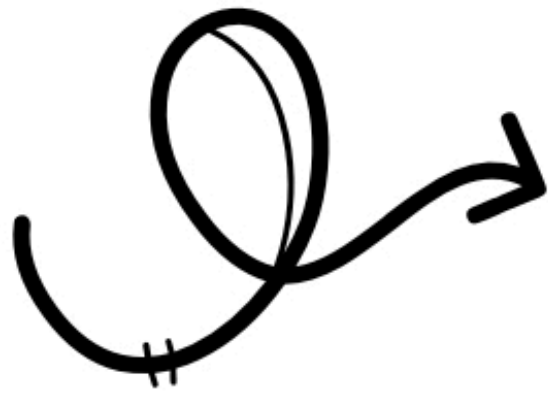
NAME: _____

	
ARCTIC	
	
DESERT	
	
RAINFOREST	

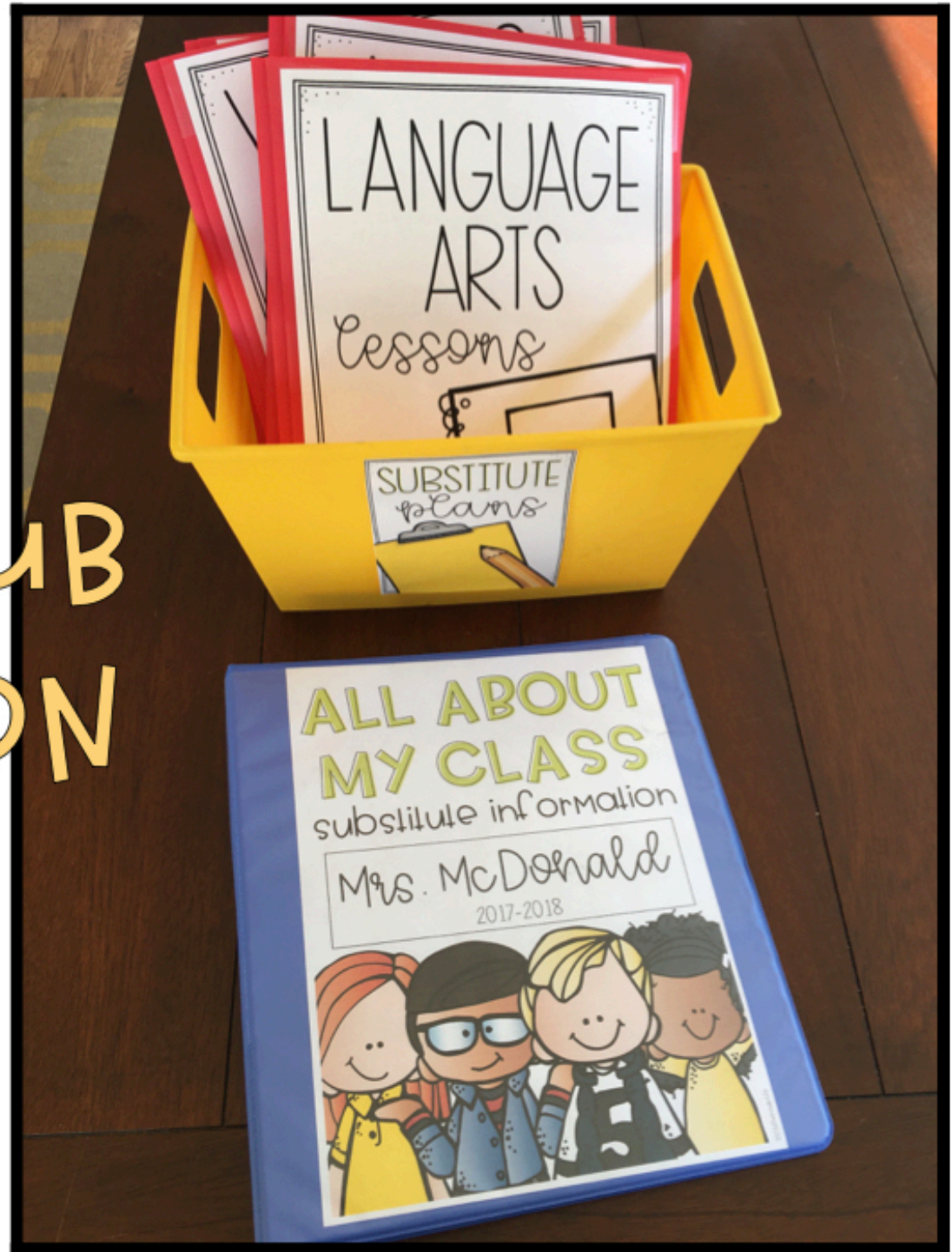
WORD BANK	camel	puffin	gorilla	polar bear	tiger
	reindeer	parrot	meerkat	vulture	walrus

				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

SCIENCE ANIMAL HABITATS



PLUS!!
EDITABLE SUB
INFORMATION
BINDER



BONUS: TASK CARD GAME INCLUDED

MISSING Letters: CVCe WORDS

Using each numbered task card, figure out what letter is MISSING and COLOR the missing letter in the matching numbered box below.

21 <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">a</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">i</div> </div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px; margin: 5px auto;">o</div>	22 <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">a</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px; margin: 5px auto;">i</div>
24 <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">u</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">a</div> </div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px; margin: 5px auto;">e</div>	25 <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">a</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px; margin: 5px auto;">i</div>
27 <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">v</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">b</div> </div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px; margin: 5px auto;">t</div>	28 <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">a</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px; margin: 5px auto;">i</div>
30 <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">m</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">p</div> </div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px; margin: 5px auto;">h</div>	31 <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px;">a</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; text-align: center; line-height: 30px; margin: 5px auto;">i</div>


Name: _____

MISSING Letters: CVCe WORDS


Using each numbered task card, figure out what letter is MISSING and write the entire CVCe word in the matching numbered box below.

21	22
23	24
25	26
27	28
29	30
31	32

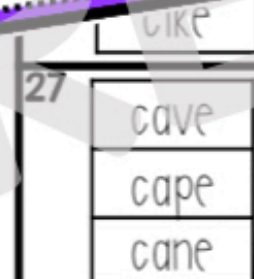
Name: _____



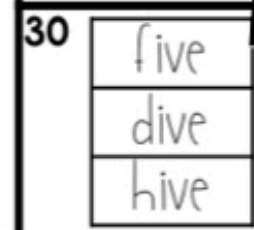
Task Card 21: lime




Task Card 22: tube



Task Card 27: cave



Task Card 30: dive



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