



*Winchester Public Schools*

*5<sup>TH</sup> GRADE*

*Learning Support Resource*

**Winchester Public Schools is pleased to offer you and your child a Learning Support Resource (LSR) to help you remain actively engaged in the learning process while not in school. Included in the resource packet are online resources with usernames and passwords, a “menu” of learning activities that include various content areas and levels of difficulty, and worksheets designed to support grade level content review for writing, reading, mathematics, and science.**

See below for a list of online resources to encourage your student(s) to continue practicing skills they've learned so far this school year! When appropriate, websites have been labeled with suggested grade levels to help you determine which is best for your learner(s). Have fun!

**Literacy:**

Website	Suggested Grade Level:
<a href="https://www.starfall.com/h/">https://www.starfall.com/h/</a>	PK-3
<a href="https://www.ixl.com/ela/grade-6">https://www.ixl.com/ela/grade-6</a>	6
<a href="https://www.storylineonline.net/">https://www.storylineonline.net/</a>	Any
<a href="https://www.abcya.com/">https://www.abcya.com/</a>	Any
<a href="https://improvingliteracy.org/kid-zone/">https://improvingliteracy.org/kid-zone/</a>	Any
<a href="https://kids.nationalgeographic.com./">https://kids.nationalgeographic.com./</a>	Any
<a href="https://www.winpublib.org/collections/ebooks/">https://www.winpublib.org/collections/ebooks/</a> (If you have a library card)	Any

**Math:**

Website	Suggested Grade Level:
<a href="https://www.tumblemath.com/home.aspx">https://www.tumblemath.com/home.aspx</a> (Stories and Literature that align with Math)	Any
<a href="https://www.mathplayground.com/">https://www.mathplayground.com/</a>	1-6
<a href="https://www.factmonster.com/math/flashcards">https://www.factmonster.com/math/flashcards</a>	1-6
<a href="https://www.abcya.com/">https://www.abcya.com/</a>	Any
<a href="https://www.funbrain.com/math-zone">https://www.funbrain.com/math-zone</a>	Any
<a href="http://mrnussbaum.com/mathgames/">http://mrnussbaum.com/mathgames/</a>	1-6
<a href="https://www.starfall.com/h/">https://www.starfall.com/h/</a>	PK-3
<a href="https://www.mathlearningcenter.org/resources/apps">https://www.mathlearningcenter.org/resources/apps</a>	K-5

### Science:

Website	Log-in Information	Suggested Grade Level:
<a href="https://pbskids.org/">https://pbskids.org/</a>	N/A	PK-2
<a href="https://www.nasa.gov/kidsclub/index.html">https://www.nasa.gov/kidsclub/index.html</a>	N/A	K-6
<a href="http://www.sciencekids.co.nz/">http://www.sciencekids.co.nz/</a>	N/A	K-6
<a href="https://kids.nationalgeographic.com/">https://kids.nationalgeographic.com./</a>	N/A	Any
<a href="https://pebblegonext.com/">https://pebblegonext.com/</a>	username: <b>vpearson</b> password: <b>school</b>	3-6
<a href="https://www.pebblego.com/">https://www.pebblego.com/</a>	username: <b>research</b> password: <b>school</b>	K-6

### Unified Arts:

Website
<a href="http://www.classicsforkids.com">www.classicsforkids.com</a>
<a href="https://www.mydso.com/dso-kids">https://www.mydso.com/dso-kids</a>
<a href="https://family.gonoodle.com/">https://family.gonoodle.com/</a>

# Menu of Learning Activities

<p>Read for 30 minutes and write a journal response. What challenges or themes are being revealed in the text?</p>	<p>With permission from an adult, visit <a href="https://www.abcya.com/games/5">https://www.abcya.com/games/5</a> to play a word game.</p>	<p>Do you like Penguins? Be sure to read about the giant Penguins that roamed the Earth. Answer the questions on the sheet (2-G).</p>	<p>Read the Mindfulness Task Cards (1-B) and select one to try. Then try coloring after reading a mindfulness mantra.</p>
<p>Write down the recipe for a personal favorite food. Then, on the back, double the recipe ingredients, being careful to calculate the fractions precisely. Bonus: make the recipe to share with family!</p>	<p>With help from an adult, play a game, research a composer, compose a song, or dance to the beat. <a href="http://www.classicsforkids.com">www.classicsforkids.com</a></p>	<p>Cut out the food chain puzzle cards (2-H) and make at least 5 different food chains. Can you do it?</p>	<p>With permission, watch a movie or television show and write a Movie Review (1-D).</p>
<p>Take time to stretch. Then work on fitness by jogging in place, doing curl-ups and push-ups.</p>	<p>Find the volume of at least three objects (rectangular prisms) in your house. Use the Volume Worksheet (1-E) to record your work.</p>	<p>Help around the house: clean your room, fold laundry, do the dishes, or sweep/vacuum.</p>	<p>Write a one-paragraph report about a weather related topic and draw a picture to go with it. Or, use a digital camera and add it to a google document!</p>
<p>With permission from an adult, visit <a href="https://www.abcya.com/games/5/numbers">https://www.abcya.com/games/5/numbers</a> to play a math game.</p>	<p>Perform two random acts of kindness.</p>	<p>Create a board game using characters, setting or conflicts you have read about in a book.</p>	<p>Look outside and sketch what you see. Include a foreground, middle ground and background.</p>

# Menu of Learning Activities

<p>Read an independent book for at least 30 minutes. Choose a passage from the text that you consider to be “outstanding” writing. Explain why you find this selection so powerful. See Reading Response (2-A).</p>	<p>Write a letter to a soldier to thank them for their service. Visit <a href="http://operationgratitude.com">operationgratitude.com</a> for more information about what to include. Bring your letter to school to be mailed.</p>	<p>Respond to the Arctic Writing Prompt (2-B), regarding a trip to the Arctic.</p>	<p>Take a few minutes to be mindful. Follow the instructions on the Mindfulness Worksheet (2-C).</p>
<p>With permission, visit <a href="https://kids.nationalgeographic.com">https://kids.nationalgeographic.com</a> to read an article about a topic that interests you. Complete a summary of the main ideas and details you learned.</p>	<p>With permission from an adult, visit <a href="https://www.abcya.com/games/5/numbers">https://www.abcya.com/games/5/numbers</a> to play a math game.</p>	<p>Measure the dimensions of a box in the kitchen (cereal box, pasta box, etc.). Find the volume of this rectangular prism. Do the same for another box. What is the difference between the two measurements?</p>	<p>Understanding Fractions. Complete the Pizza Worksheet (2-D) to show how many slices of pizza each member of your “family” ate for dinner.</p>
<p>If you play a band instrument, practice your assigned lesson music for 20 minutes or sing a song from chorus.</p>	<p>With help from an adult, play a game, research a composer, compose a song, or dance to the beat. <a href="http://www.classicsforkids.com">www.classicsforkids.com</a></p>	<p>How is the hydrosphere interacting with Earth’s other spheres? Draw a model to explain.</p>	<p>Check a website or observe the moon. What phase is it currently in? Draw a diagram that shows the moon’s last phase and its next phase.</p>
<p>Landscape Out Your Window: Draw a picture of what you see from your window. Use worksheet 2-E for guidance.</p>	<p>Self-Portrait: Look in a mirror and draw a self-portrait. Include as much realistic detail as possible.</p>	<p>Let’s get moving! Find a comfortable space in your house and follow the instructions on the Let’s Get Moving Worksheet (2-F).</p>	<p>With help or permission from an adult, make a healthy snack to enjoy. Talk about what makes it a healthy choice.</p>

# When giant penguins roamed the Earth

By Cricket Media, adapted by Newsela staff on 01.14.20

Word Count **639**

Level **610L**



Image 1. Scientists in Antarctica study modern-day penguins, like the emperor penguin pictured here, to learn more about the penguins' giant, prehistoric relatives. Photo by: polarman/Shutterstock

Scientists aren't the only people who make major discoveries! The Hamilton Junior Naturalist Club is a group of 10- to 18-year-olds. Its members have an interest in natural history. They call themselves Junats for short.

In 2006, the Junats went looking for fossils on New Zealand's North Island. A fossil is the preserved remains of plants or animals from long ago. One afternoon, the Junats saw something. It was a penguin fossil. It dated back to 30 million years ago.

## **Operation Fossil Identification**

The Junats' club leader is Dave Matthews. He believes the penguin probably waddled around New Zealand in the Oligocene period. This was a period of time about 34 million to 23 million years ago. The ancient penguin was probably 1.5 meters (5 feet) tall.

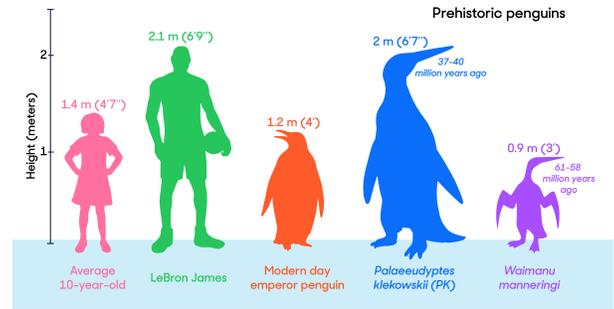
Figuring out the species, or kind, of penguin has been hard. Scientist Daniel Thomas has been studying the fossil. He expects to identify and name the penguin soon.

## Penguin Paradise

Are you surprised that giant penguins once lived in New Zealand? Let's take a closer look.

We'll start about 66 million to 34 million years ago. Earth was quite different then. The ice caps hardly existed. For most of this time, the climate was warmer. Climate is weather over a long period of time. Sea levels fell. Fish thrived. This was great for penguins. They had plenty of food. They enjoyed the warm weather.

Penguins lived in New Zealand during this time. The earliest known penguins lived about 61 to 58 million years ago. One of these penguins was *Waimanu manneringi*. It grew to around 1 meter (3 feet) tall. Its long, pointed beak was great for fishing.



## Ancient Giants

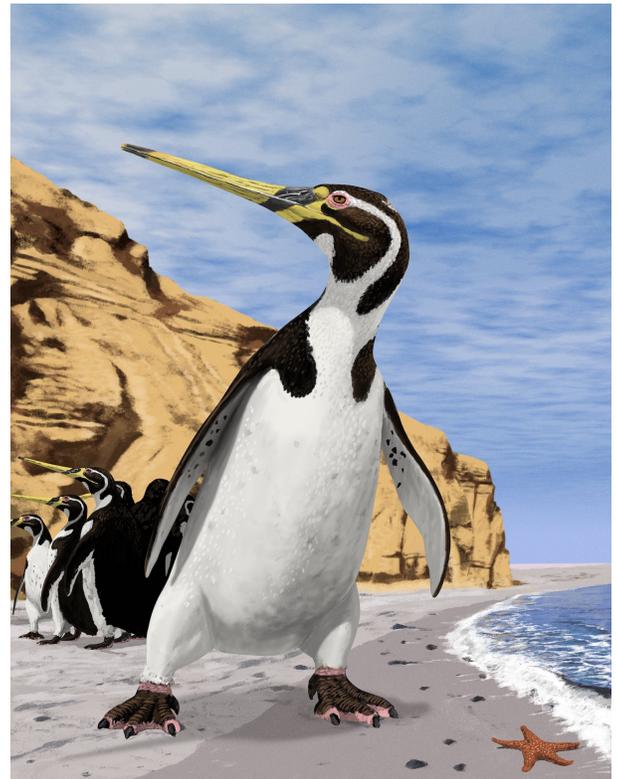
Fast forward to the real giants, *Palaeudyptes klekowskii*. Let's call them PK for short. These penguins lived in Antarctica, too. They lived around 37 million to 40 million years ago. PK grew to over 2 meters (6.5 feet). Today's pro basketball players average just an inch or so taller. What a penguin!

Today, it stays near freezing in summer in Antarctica. It drops below minus 34 degrees Celsius (minus 30 degrees Fahrenheit) in winter. But ancient penguins did not walk across icebergs. Giant penguins did very well during the early Eocene. That was about 50 million years ago. Scientists have learned that Antarctica was as warm as 20 degrees C (68 degrees F) then. Eventually, Antarctica began to change. The warm, wet climate became colder.

## Changing With The Times?

Scientists think giant penguins had few predators. Whales and seals began to evolve. Penguins became an important food source for them. That made it harder for these giant birds to stay alive. In addition, climate change made it even harder for penguins to survive. The Earth grew warmer. The last of the giant penguins died millions of years ago. They went extinct.

Earth's climate has changed naturally during history. The environment has changed as well. But over the past hundred years, climate change has happened more quickly. The result is warmer weather. It could have a huge effect on life on Earth.



Today's penguins prefer freezing cold oceans. But the oceans are getting warmer. As a result, there are five kinds of penguins that may go extinct. We can take steps to reduce major climate change. It will not bring back the giant penguins, but it might save today's endangered penguins.

## Quiz

1 Read the paragraph below from the section "Changing With The Times?"

*Scientists think giant penguins had few predators. Whales and seals began to evolve. Penguins became an important food source for them. That made it harder for these giant birds to stay alive. In addition, climate change made it even harder for penguins to survive. The Earth grew warmer. The last of the giant penguins died millions of years ago. They went extinct.*

Which question is answered in this paragraph?

- (A) What did giant penguins eat?
- (B) Where did giant penguins live?
- (C) Why did Earth's climate change?
- (D) Why did giant penguins go extinct?

2 Which sentence explains where the Junats found a penguin fossil?

- (A) The Hamilton Junior Naturalist Club is a group of 10- to 18-year-olds
- (B) They call themselves Junats for short.
- (C) In 2006, the Junats went looking for fossils on New Zealand's North Island.
- (D) It dated back to 30 million years ago.

3 What does the section "Penguin Paradise" show the reader?

- (A) the reasons penguins thrived millions of years ago
- (B) the size of the biggest penguin to ever live
- (C) the scientists who discovered a penguin fossil
- (D) the ways Antarctica's climate is changing today

4 What information does Image 2 support?

- (A) which animals hunt penguins
- (B) how big different penguins were
- (C) what temperature penguins like
- (D) where to find penguin fossils



**MINDFULNESS** 

*Favorite Day Exercise*

Think about a favorite day from the past. When thinking about this day, try and remember as many details as possible. What do you see? Smell? Hear? How do you feel?

25

**MINDFULNESS** 

*Balancing Exercise*

Balance yourself on one foot. Close your eyes if you want to. As you balance on one foot, pay attention to the muscles working to keep you balanced and upright. Are you leaning to one side more than the other? Notice your body's natural tendency to want to put your foot down when you're falling.

26

**MINDFULNESS** 

*Mindful Walking Exercise*

Find a space where you can take 20-25 steps. Stand still at one end of your path. Notice how your body feels. Begin walking at a pace slower than normal. How does your legs and feet feel as you move? When you reach the other side of your walking path, stand still and notice how your body feels while you're standing still.

27

**MINDFULNESS** 

*Tuning In Exercise*

Pretend you're sense of hearing is a radio station. First, tune in to the sounds farthest away (i.e. cars outside, dog barking). Next, change the 'station' and tune into the noises in the room you're in. Finally, tune in to the sounds of your body (i.e. breathing, heartbeat, etc.)

28



I put my thoughts aside  
to focus on the here  
and now

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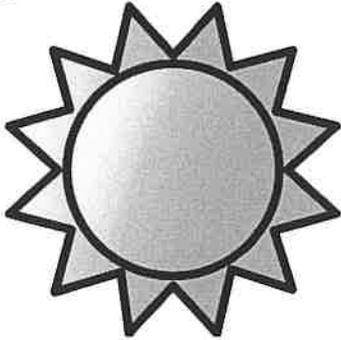


I am grounded. I am  
centered

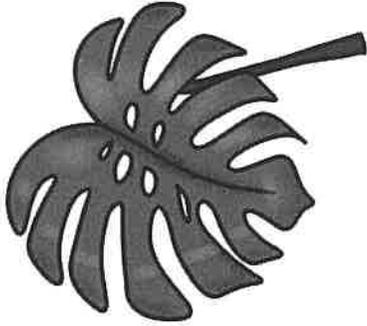
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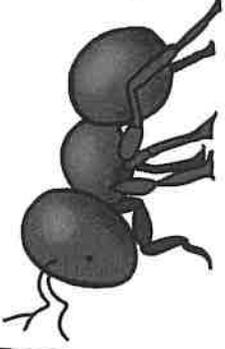
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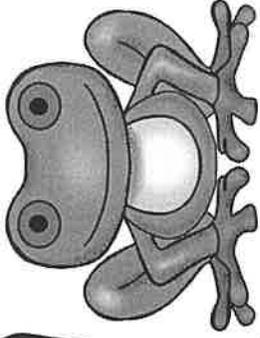
**sun**



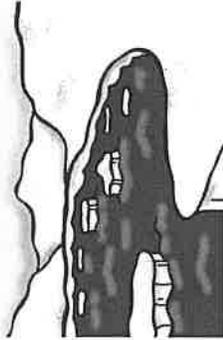
**leaf**



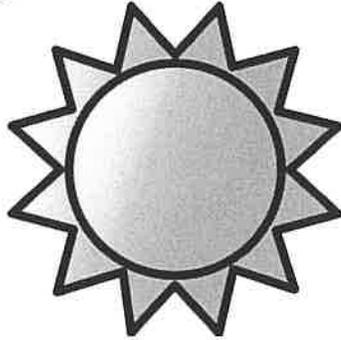
**ant**



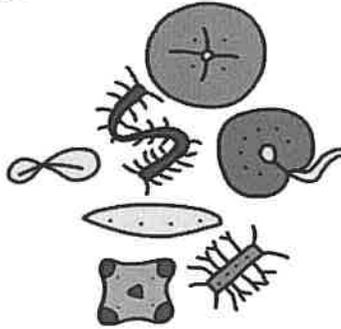
**frog**



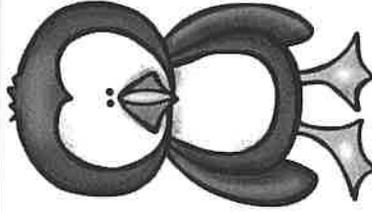
**arctic**



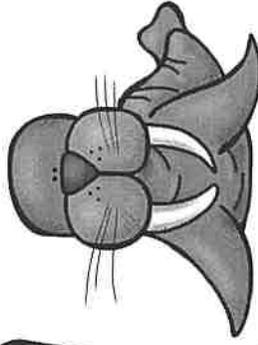
**sun**



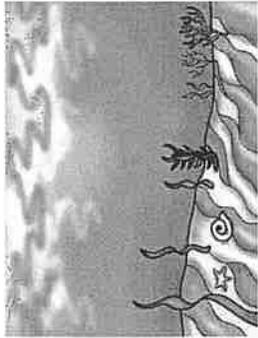
**plankton**



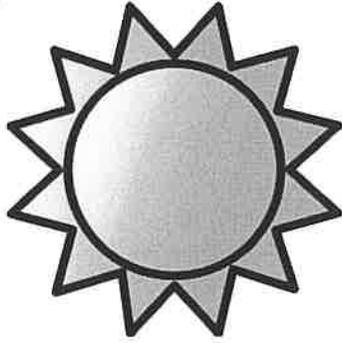
**puffin**



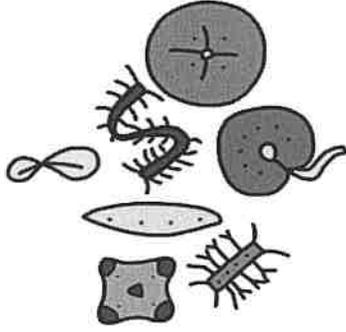
**walrus**



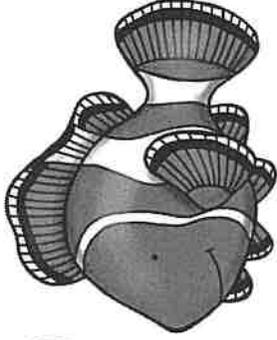
**ocean**



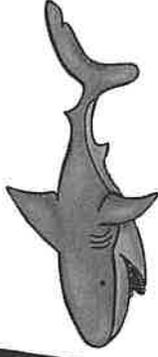
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**plankton**



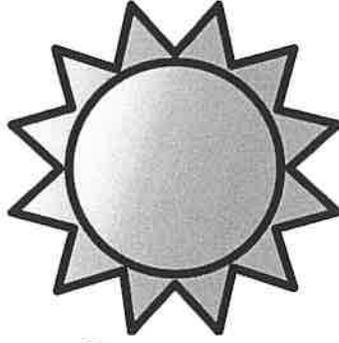
**fish**



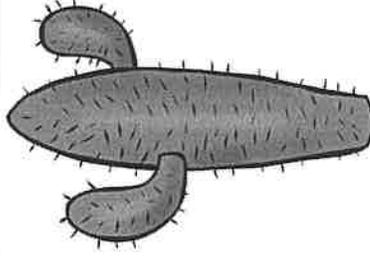
**shark**



**desert**



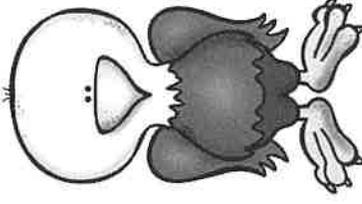
**sun**



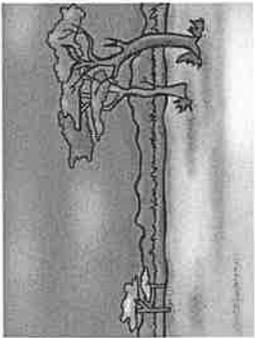
**cactus**



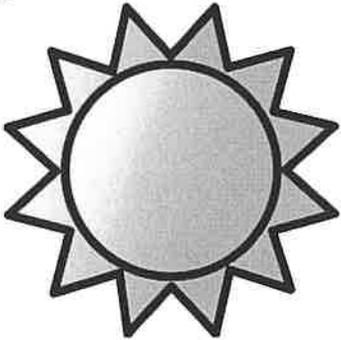
**lizard**



**eagle**



**grasslands**



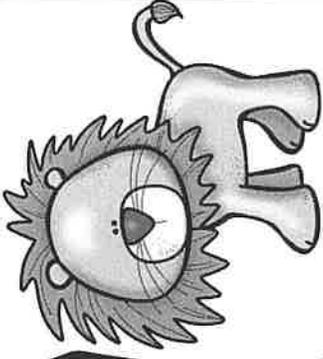
**sun**



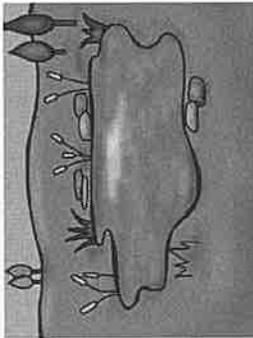
**grass**



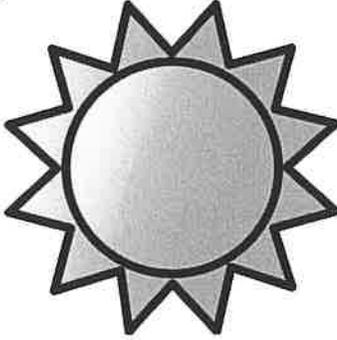
**giraffe**



**lion**



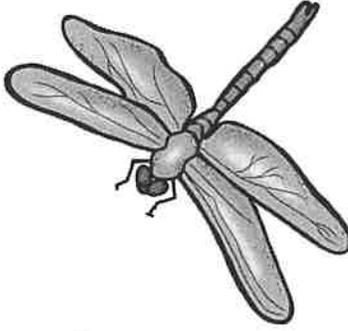
**pond**



**sun**



**reeds**



**dragonfly**



**snake**



**rainforest**



**sun**



**leaf**



**ant**



**frog**



**arctic**



**sun**



**plankton**



**puffin**



**walrus**



**ocean**



**sun**



**plankton**



**fish**



**shark**



**desert**



**sun**



**cactus**



**lizard**



**eagle**



**grasslands**



**sun**



**grass**



**giraffe**



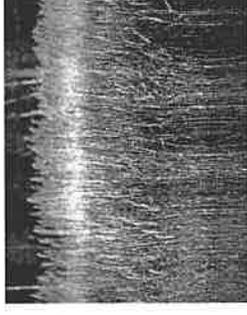
**lion**



**pond**



**sun**



**reeds**



**dragonfly**



**snake**

# Day 1 Worksheets, Writing Prompts and Attachments



## MOVIE/TELEVISION REVIEW

(1-D)



*Turn regular movie watching into a learning experience by writing a critical review of a film you watch during the break. While watching the film, make sure to study it carefully. Then, complete the organizer to finish your review.*

1. Review the review organizer below before watching the movie. This will help you know what to pay attention to.
2. Watch a movie at home or in the theater.
3. Complete the organizer below.
4. Share with a friend or family member.

### Introduction

What movie did you see? What type of movie was it? Who starred in the movie?

### Summary

What was the movie about? Who were the main characters? What were 3 important plot events? What problem was presented in the movie? How was the problem resolved?

### Review

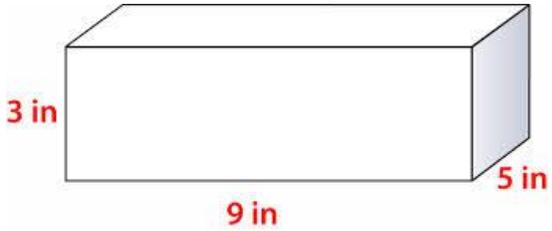
What was the movie about? Who were the main characters? What were 3 important plot events? What problem was presented in the movie? How was the problem resolved?



Find at least three objects in your house (rectangular prisms). Measure the length, width, and height. Then, sketch the objects, labeling the dimensions. Finally, calculate the volume of each object. Be sure to label with the appropriate units.

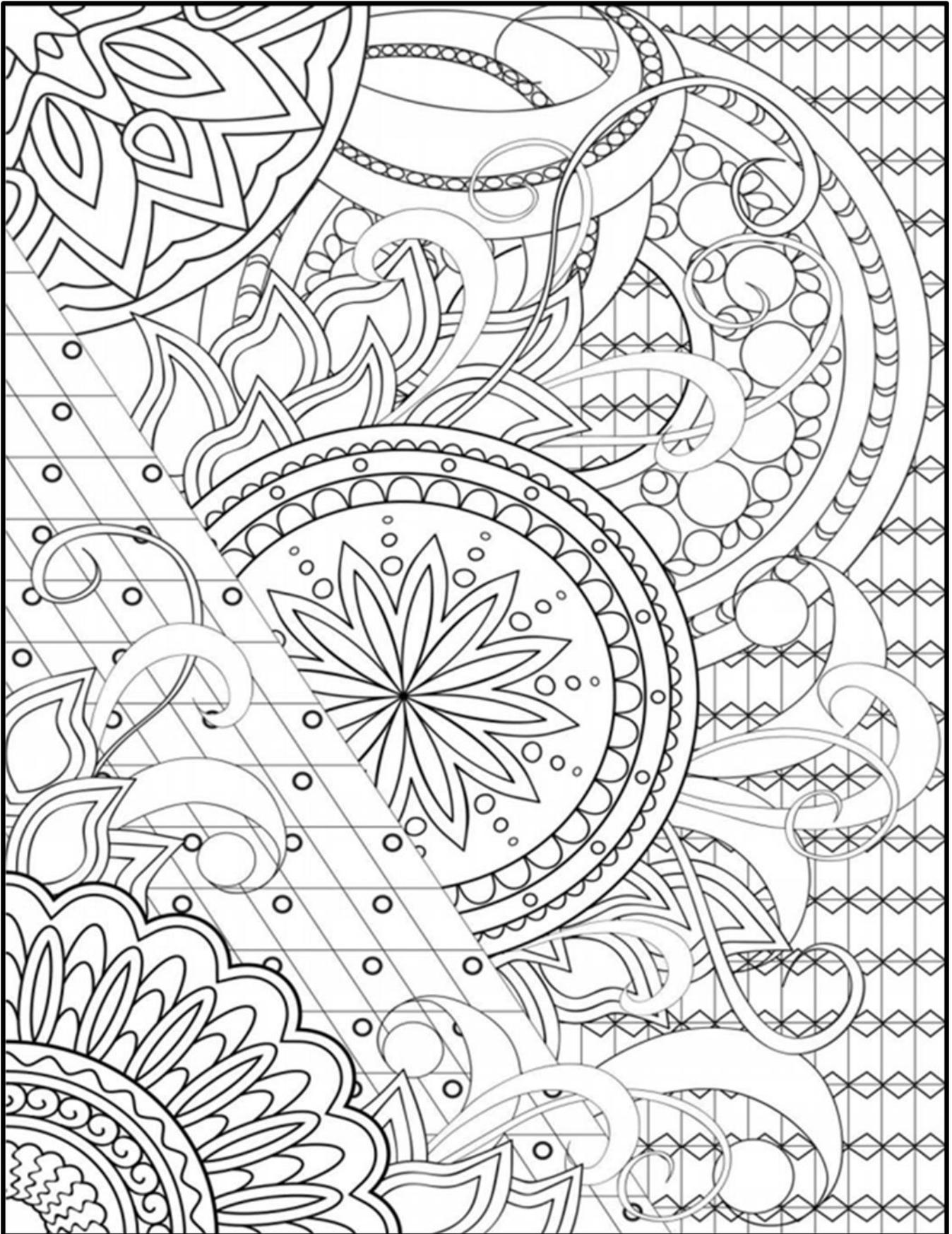


$$\text{Volume} = \text{Length} \times \text{Width} \times \text{Height}$$

Sketch of Object	Volume Calculations
	$3\text{in} \times 9\text{in} \times 5\text{in} = 135\text{in}^3$





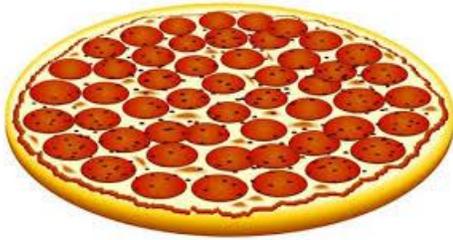


# Day 2 Worksheets, Writing Prompts and Attachments



HUNDREDS CHART

(2-D)



You order a pizza that has 18 slices. Your father eats  $\frac{1}{9}$  of the pizza, your mother eats  $\frac{1}{6}$ , and your two little sisters each eat  $\frac{1}{9}$ . How many slices are left for you? Are there enough slices for you to eat  $\frac{2}{9}$  of the pizza? Draw a diagram and show your answers.

Father: \_\_\_\_\_

Mother: \_\_\_\_\_

Sister #1: \_\_\_\_\_

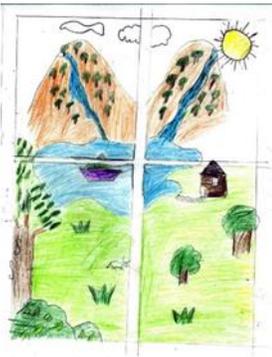
Sister #2: \_\_\_\_\_

You: \_\_\_\_\_



## LANDSCAPE FROM YOUR WINDOW

(2-E)



*Use materials of your choice (crayons, pencils, paint, clay) to create a picture of the view from your window. What do you see? What is happening? How can you tell? What details can you include in your artwork to describe what you see? Find a creative way to show what is happening outside your window. Bring your artwork to school to share with your class.*

# Day 2 Worksheets, Writing Prompts and Attachments



**LET'S GET MOVING!**

**(2-F)**

*Find a comfortable place in your house and do the exercises listed below.*



## **Push-Ups**

Get in a push-up position with your arms straight and elbows locked. Try holding yourself in this position for 90 seconds.

## **Shoulder Tap**

While in the push-up position, try to touch your right hand to your left shoulder, then your left hand to your right shoulder. Repeat 24 times.

## **Ab Crunches**

Lay on the floor and do 30 abdominal crunches.

Repeat this entire routine one more time.