

# 5th Grade Distance Learning Activities



### **Caring Connections Calendar**

Authentic connection provides a buffer that softens the negative effects of stressful situations. As you and your family cope with the life changes and anxiety caused by COVID-19, use activities from this Caring Connections Calendar to enjoy restorative moments of bonding, beauty and joy.

Created by Master Instructor Kim Hughes, the Caring Connections Calendar features activities that strengthen relationships by practicing kindness, being grateful and spending quality time with those we love. Each activity builds connection while encouraging kind acts, helpfulness and positivity.

Like connection, being kind and helpful to others is a biological imperative that is required for optimal brain development. It also releases feel-good chemicals and hormones, something we could all benefit from right now.

Similarly, focusing on the positive creates more positivity. Practicing gratitude offers significant benefits for our mental and physical health, including enhanced empathy, better sleep and improved self-esteem. The activities included in the Caring Connections Calendar may seem simple, but the impact they'll have on you and your family is powerful.

## **CARING CONNECTIONS: Strengthening Relationships by Practicing** Kindness, Being Grateful, and Spending Quality Time With Those We LOVE

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Do something helpful for a family member or friend.	Connect with a relative to say hello and chat.	Count your blessings: List the kind things others have done for you.	Create and then share a card or a piece of art with someone you love.	Go outside and find one thing that reminds you of someone. Share what you find and your why.	Create a cell phone / device parking lot so you can enjoy device- free moments together each day.	Find a deck of cards and play a game like Crazy Eights, Spoons or Go Fish.
Find a joke that you love and share it with 2 other people in person, by phone, or virtually.	Work together to plan a 3-course meal. Write down / draw each part of the meal to share as the menu for the evening.	Go outside and find materials to create a centerpiece for others to enjoy!	Name 3 things you are grateful for. Draw a picture or write a list of these things and then post in a prominent place.	Work to create 5 "happy cards" for seniors that are in a local nursing home. Drop them off for them to enjoy.	While washing your hands look at yourself in the mirror and tell yourself one thing you like about YOU!	Do one act of kindness to make life easier for someone.
Thank 3 people you are grateful to and tell them why.	Smile at the people you are with to brighten their day.	Learn one new thing today and share what you learned with someone.	Choose a favorite song(s) and enjoy a spontaneous dance party.	Get a deck or two of cards and build a home. Talk about what makes a home safe and what connects us to others.	Go outside and enjoy a game of "Red Light, Green Light." Be sure to run, walk, slide, jump and enjoy other creative ways to move.	Design and create a musical instrument. Enjoy a sharing concert.
Ask someone to do what you LOVE to do today.	Send a message or letter to someone you cannot be with today.	Find a favorite book and read it or share it with someone.	Enjoy a scavenger hunt with someone. Both write lists of 5 things the other person will look for, switch lists and then GO!	Notice 5 things that are beautiful within your world. Share your ideas with someone.	Learn how to play hopscotch and then PLAY!	Thank someone and tell them how they make a difference for you.



# heal+h.moves.minds.

## **April 2020**

### **Elementary Mind & Body Calendar**

SUNDAY MONDAY TUESDAY WEDNESDAY **THURSDAY** FRIDAY SATURDAY 2 Star Jumps 3 Crane Pose 4 4 Walls **National Health Observances** Yoga is a great way to Jump up with your arms Here's a challenge! Put Face each wall in a room National Autism Awareness Month relieve stress. Try and legs spread out like a your hands on the ground, and do a different National Minority Health Month Savasana, considered to star. Do 10 then rest and lean forward & balance exercise for 30 seconds National Distracted Driving Awareness Month be the hardest yoga pose! repeat. your knees on your -side shuffle Stress Awareness Month Fully relax & clear your elbows. -grapevine to left then April 7: World Health Day mind. right -wide stance punches -vertical iumps 7 World Health 9 Bear Walk 10 Before Bed 11 Dribble 5 Mindful Snack 6 Teacup Tip-ups 8 Musical Frogs This game is just like When eating a snack Place your hands on the With your bottom in the Dav Breathing Challenge today, really pay attention ground and gently touch musical chairs except air, step forward with your Did you know regular, While Iving in bed, place Dribble a ball 100 times to the taste, feel, sound, your forehead to the players hop around like right hand & step forward moderate-intensity your hands on your with each hand. Can you frogs and sit on lily pads ground balancing your with your left foot. Step smell and look of the physical activity can help stomach and pay attention successfully dribble 100 snack vou're elbows on your knees. (pillows). forward with the left hand prevent diabetes? to the up and down of times with each hand eating. What do you then the right foot. your belly as you breathe. Go for a walk with an while moving? notice? Continue to move across adult & discuss other the room. ways to prevent diabetes. 13 Play Catch 15 Mindful 17 How Fast Can 12 Fish Pose 14 Wild Arms 16 Crawl Like a 18 Inchworms Hold fish pose for 60 Grab any kind of ball and Keeping vour legs straight As fast as you can Senses Seal You Go? seconds. Take a break play catch with a family place your hands on the complete: What do you notice Lie on your stomach. Pick a distance and see and hold for another 60 member. Keep your eyes 10 Arm Circles front & ground, walk them into around you? Find: arms straight out front. how fast you can run the on the ball and catch it push-up position, and seconds back Use your arms to pull your 5 things you see distance. with your hands not your 10 Forward punches walk your leas up. 4 things you feel lower body along keeping 10 Raise the Roof's body. vour legs and back 3 things you hear Repeat 3x 2 things smell straight. 1 thing you taste 20 Rock Paper 25 Jump, Jump 19 Garland Pose 21 Commercial 22 Wake and **Chair Pose** 24 Positive Talk Practice your balance with Hold for 30 seconds, relax Jump side-to-side over an Be sure to talk to vourself **Scissors Tag Break Shake** this pose! then repeat. today like you would talk object or line for 1 minute Meet in the middle, shoot. Can you hold a plank for As soon as you get out of to someone you love. straight. Go again but an entire TV commercial bed shake your body any loser chases the winner jump front to back. Repeat break? way you like for 10 back to safe zone. If each jump twice. tagged, join the other seconds. Are you up now? Good! Now jump up team. and down 10 times. 29 A Gratitude **27** Paper Plate 30 26 28 Step Jumps SHAPE America recommends school-age children Put your favorite song on Find a step or a bench Try Savasana again. Use **Planks** Attitude accumulate at least 60 minutes and up to several and make up a dance or and jump up and down 50 this to relax and wind hours of physical activity per day. Each bout of In plank position with Write down something fitness routine! times. Be careful. Take a down all year! physical activity should be followed by cool-down paper plates under vour vou're thankful for and break if you need to. feet. Complete 30s each: stretches that help reduce soreness and avoid why. injury. Happy exercising! -mountain climbers -in and out feet Yoga photos from www.forteyoga.com -knees to chest



# Grade 5 Reading

Student At-Home Activity Packet 1

This At-Home Activity Packet includes Section 1 with approximately 10 lessons in it. We recommend that your student complete one lesson each day.

Most lessons can be completed independently. However, there are some lessons that would benefit from the support of an adult. If there is not an adult available to help, don't worry! Just skip those lessons.

Encourage your student to do the best they can with this content. The most important thing is that they continue to work on their reading!

Flip to see the Grade 5 Reading activities included in this packet!



# Grade 5 Reading Activities in Section 1

Lesson	Resource	Instructions	Page(s)
0	Grade 5 Ready Reading Word Learning Routine  Word Learning Review  Word Learning Service  Use to this filtering upon to digress and effective area of a short filtering to provide service and the filtering to the continuous control of service and upon the digress and effective service and the filtering to the continuous control of service and the filtering to the continuous control of service and the filtering to the service and the service	Read the Word Learning Routine together. Keep it handy—you'll need it later!	10
1	Grade 5 Ready Language Handbook, Lesson 21 Homographs    Indicate   Indicate	<ul> <li>Read the Introduction.</li> <li>Complete Guided Practice.</li> <li>Complete Independent Practice.</li> </ul>	11–12
2	Grade 5, Ready Reading Lesson 8   **The Company of the Company of	<ul> <li>Read the Introduction.</li> <li>Complete the Think and Talk activities.</li> </ul>	13-14



## **Section 1 Table of Contents**

## Grade 5 Reading Activities in Section 1 (Cont.)

Lesson	Resource	Instructions	Page(s)
3	Grade 5, Ready Reading Lesson 8  **The state of the state	<ul> <li>Read "Darkness in the Desert."</li> <li>Complete the Think and Talk activities.</li> </ul>	15-16
4	Grade 5, Ready Reading Lesson 8  **The state of the state	<ul> <li>Reread "Darkness in the Desert."</li> <li>Complete the Write activity.</li> </ul>	15–17
5	Grade 5, Ready Reading Lesson 8   **The second seco	•Read "Night Walk." •Complete the Think activity.	18–19



## **Section 1 Table of Contents**

## Grade 5 Reading Activities in Section 1 (Cont.)

Lesson	Resource	Instructions	Page(s)
6	Grade 5, Ready Reading Lesson 8	<ul> <li>Reread "Night Walk."</li> <li>Complete the Talk and Write activities.</li> </ul>	18-20
7	Grade 5 Ready Language Handbook, Lesson 2  Prepositions and Prepositional Phrases   Prepotitors and Prepositional Phrases  Prepotitors and Prepositional Phrases  Prepotitors and Preposition Phrase	<ul> <li>Read the Introduction.</li> <li>Complete Guided Practice.</li> <li>Complete Independent Practice.</li> </ul>	21-22
8	Grade 5, Ready Reading Lesson 8   **The state of the stat	<ul> <li>Read "Anna's Monsters."</li> <li>Complete the Think activity.</li> </ul>	23-26



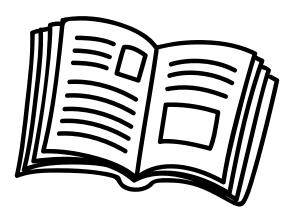
## **Section 1 Table of Contents**

## Grade 5 Reading Activities in Section 1 (Cont.)

Lesson	Resource	Instructions	Page(s)
9	Grade 5, Ready Reading Lesson 8   **Topic Summer Supplement Supple	• Read "Summer Night." • Complete the Write activity.	27-28
10	Writing and Research  Writing and Research  The common of	• Read "Climbing Mount Whitney." • Complete items 23–26.	29-31



# Independent Reading!



See pages 53 and 54 of this packet.



Use the questions/ prompts on the Discourse Card resource to start a conversation about something the student has read. You may talk about a text the student read in one of the lessons above, or anything else the student is reading.

**Encourage daily reading**. And remember, reading isn't just about the books on the shelves—it's about anything around you with letters! Turn on the closed captioning feature on your TV or read catalogs that come in the mail. The backs of cereal boxes work, too, as do directions to board games!

Running out of stuff to read? **Grab some sticky notes, and label household objects, or make up new, silly names for things!** Communicating with sticky notes, instead of talking, is fun, too—start with a half hour and see if you can go all afternoon. Reading is everywhere!

**Don't worry about right/wrong answers** when you talk about text—the important thing is that you and your student share a reading experience and have fun!

Here are some websites that offer fun, free, high-quality material for kids:

www.starfall.com

www.storyplace.org

www.uniteforliteracy.com

www.storynory.com

www.freekidsbooks.org

en.childrenslibrary.org



### Section 1 Activities

Name	Date
tarric	

### **Word Learning Routine**

Use the following steps to figure out unfamiliar words. If you figure out what the word means, continue reading. If not, then try the next step.

### 1. Say the Word or Phrase Aloud.

Circle the word or phrase that you find confusing. Read the sentence aloud.

### 2. Look Inside the Word or Phrase.

Look for familiar word parts, such as prefixes, suffixes, and root words. Try breaking the word into smaller parts. Can you figure out a meaning from the word parts you know?

### 3. Look Around the Word or Phrase.

Look for clues in the words or sentences around the word you don't know and the context of the paragraph or selection.

### 4. Look Beyond the Word or Phrase.

Look for the meaning of the word or phrase in a dictionary, glossary, or thesaurus.

### 5. Check the Meaning.

Ask yourself, "Does this meaning make sense in the sentence?"



### Lesson 21

# Homographs

Homographs are words that have the same spelling but different meanings. Sometimes homographs have different pronunciations from one another.

• The word wind is a homograph.

A brisk wind blew, so I buttoned my coat.

Then I began to wind my way down the hill to the village.

• You can use a dictionary to check the meaning and pronunciation of homographs. Each homograph is a separate entry in the dictionary.

Each homograph has a raised number after the entry word. wind<sup>1</sup> (wind) *n*. **1.** moving air **2.** breath, or breathing

wind<sup>2</sup> (wind) v. 1. to go along a twisty path 2. to wrap something around another object

The homograph's pronunciation is in parentheses after the entry word.

• To find the right meaning of a homograph, read the definitions for each entry. Then see which meaning makes sense in the sentence you are reading.

### **Guided Practice**

Read the passage. Find each underlined homograph in a dictionary. With a partner, figure out how to pronounce it. Then write a short definition above each word.

**HINT** Homographs are spelled the same but are not necessarily pronounced the same.

The village was a perfect place to <u>loaf</u> for a few hours. I bought a fresh <u>loaf</u> of bread at a bakery near the beach. A <u>dove</u> was eating crumbs on the sidewalk. Across the street, a sea gull <u>dove</u> for food as I watched. Then I bought a <u>present</u> for my mom at a store. I planned to <u>present</u> it to her tonight at dinner. An old <u>wound</u> in my leg began

to ache. So, I wound my way slowly along the streets.

### **Independent Practice**

### For numbers 1–5, choose the correct meaning of the underlined word as it is used in the sentence.

- 1 I wandered down to the <u>port</u> to watch cargoes being unloaded from boats.
  - A port¹ (pôrt) n. a harbor
  - **B** port<sup>2</sup> (pôrt) *n*. the left on a ship
  - **C port**<sup>3</sup> (pôrt) *n*. a valve, or opening that lets liquid out
  - **D port**<sup>4</sup> (pôrt) *n*. a person's manner, or bearing
- "Your ship looks <u>sound</u>," I said to a fisherman.
  - **A** sound¹ (sound) *n*. a noise
  - **B** sound<sup>2</sup> (sound) adj. in good shape
  - **C sound**<sup>3</sup> (sound) *n*. a long, wide body of water
  - **D** sound<sup>4</sup> (sound) v. to measure how deep water is
- "It has to be," he said. "Tomorrow we're bound for the fishing lanes."
  - **A bound**<sup>1</sup> (bound) *v*. to leap or jump forward
  - **B** bound<sup>2</sup> (bound) *n*. border
  - **C bound**<sup>3</sup> (bound) *adj*. tied
  - **D bound**<sup>4</sup> (bound) *adj*. on the way to a particular place

- "High winds and fierce storms are sure to batter us on the open seas," he continued.
  - A batter¹ ('batər) v. to hit, pound
  - **B** batter<sup>2</sup> ('batər) *n*. a player at bat
  - **C batter**<sup>3</sup> ('batər) *n*. a liquid mixture, often of flour, eggs, and milk
  - **D** batter<sup>4</sup> ('batər) *n*. a sloping structure
- "Fortunately, our <u>bow</u> is sturdy and true," he finished.
  - **A bow**<sup>1</sup> (bou) *v*. to bend the head or upper body in greeting
  - **B bow**<sup>2</sup> (bou) *v*. to be pushed over with age or pressure
  - **C bow**<sup>3</sup> (bou) *n*. the front of a ship's hull
  - **D bow**<sup>4</sup> (bo) *n*. a weapon for shooting arrows





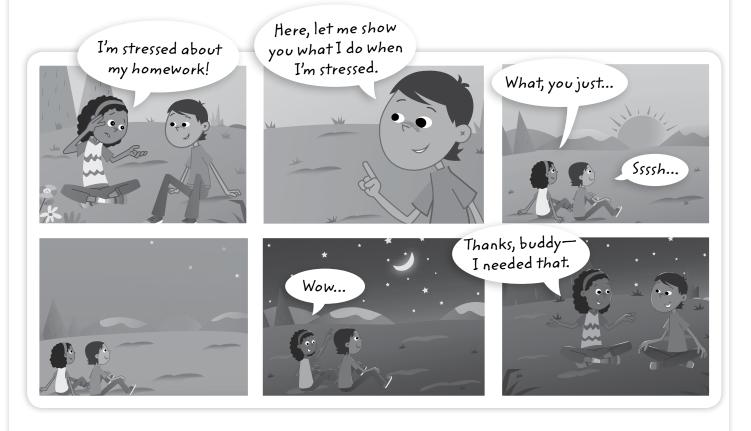
# Lesson 8 Finding the Theme of a Poem



Studying how a poet reflects upon a topic and the details she includes will help you identify the theme of a poem.

Pead Poems can express feelings and ideas on many **topics**. The **speaker** in a poem **reflects** on a topic by saying what he or she thinks and feels about it. You can use these reflections and other details in a poem to figure out that poem's message, or **theme**.

Identify the theme of this comic strip by studying what the characters say and do. Also think about how the comic strip ends.



**Think** What have you learned so far about using details to identify a theme? Complete the chart below, filling it out with details from the comic strip.

What Do the Characters Say?	What Do the Characters Do?	How Does the Comic Strip End?	What Is the Theme?
			Night can ease the
			worries of the day.

- ▶ Talk Share your chart with a partner.
  - What is the topic of the comic strip?
  - Did you describe in the same way what the friends say and do?
     How about the ending?
  - Do the details you found support the theme? How do you know?

### **Academic Talk**

Use these words to talk about the text.

- theme
- speaker
- topics

reflect



# ess in the D

For desert animals, the day Is not a time for work or play. There's little shade; the world is dry. The clouds are absent from the sky.

Things sizzle in the searing heat, The burning sands hurt creatures' feet— And so when it turns light they creep Beneath the ground to fall asleep.

But late in the day the sky grows dim.

- 10 The sun drops past the canyon rim. The stars peek through, and very soon The night replaces afternoon.
  - Inside their dens the creatures stir— They like the cooler temperature.
- By ones and twos, by fives and tens 15 The animals creep from their dens.

On mountain, prairie, plain, and hill, The night is when the world is still. In deserts, though, the times reverse:

20 The dark is good, the light is worse. The daytime is the time to rest. For desert creatures, night is best.

The desert fox, the mouse, the hare, At night they scamper here and there.

25 Their claws scratch softly in the sand. Their faint calls echo through the land. From dusk to dawn, all through the night They feed and play till morning light.

### Close Reader Habits

When you reread the poem, **circle** words and phrases that tell the topic of the poem. Then underline details that show the speaker's reflections on the topic.

Explore

### What details in the poem "Darkness in the Desert" develop its theme?



### **Think**

1 Complete the chart below. Identify the poem's topic, the details that develop the topic, and the speaker's reflections on the topic. Use this information to determine the theme of the poem.

Look for evidence of what the speaker thinks about day and night in the desert.

What Is the Topic of the Poem?	What Are the Details About the Topic?	What Are the Speaker's Reflections on the Topic?	What Is the Theme of the Poem?

### Talk

2 Share your charts. Did you and your partner identify the same theme? What details did you use to support your understanding of the poem's theme? If necessary, return to your chart to change or add details.



### Write

**Short Response** What is the theme of the poem "Darkness in the Desert"? Use examples from the poem and your chart to support your response. Use the space provided on page 140 to write your answer.

**HINT** Start your response by stating the theme in one sentence.





Write Use the space below to write your answer to the question on page 137.

# Darkness in the Desert

3	<b>Short Response</b> What is the theme of the poem "Darkness
	in the Desert"? Use examples from the poem and your char
	to support your response.

**HINT** Start your response by stating the theme in one sentence.



Don't forget to check your writing.

### **Check Your Writing**

- ☐ Did you read the prompt carefully?
- ☐ Did you put the prompt in your own words?
- ☐ Did you use the best evidence from the text to support your ideas?
- ☐ Are your ideas clearly organized?
- ☐ Did you write in clear and complete sentences?
- ☐ Did you check your spelling and punctuation?

# NIGHT WALK

by Amy Saito

- 1 The sky above, the streets below,The stars reflecting off the snow—A lovely night for us to goOut for a walk, the puppy thinks.
- 5 The moon's a brilliant shade of gold, And though she's just a few months old, The puppy knows the night is cold— She leans into the wind and blinks.

What's that thing moving in the tree?

10 The puppy dashes up to see.

It's vanished! What a mystery!

She sits beneath the tree to bark.

Her master guides her through the night First turning left, then turning right

15 The dark is deep, there is no light She yanks her leash: is this the park?

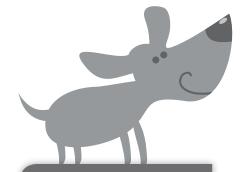
The night's a lovely time to roam But now it's time for heading home. She's only little, after all,

20 Can't run all night when she's so small.

Someday she'll grow a little more
And when she's three, or maybe four
She'll run all night, and she'll be tough—
Tonight, though, she's gone far enough.

25 Her master strokes her furry head,And yawning, she goes off to bed.But as she sleeps, the moonlight beamsWill dart and dance inside her dreams.





### **Close Reader Habits**

What is the message of the poem? Reread the poem. **Underline** details showing what the puppy does. Use these details to identify the poem's theme. **Think** Use what you learned from reading the poem to answer the following questions.

This question has two parts. Answer Part A. Then answer Part B.

#### Part A

How are the events in stanzas three and four important to the theme of the poem?

- **A** The events show it is a good night for a walk.
- **B** The events show that puppy is young and active.
- **C** The events show the speaker is the puppy's master.
- **D** The events show that the night is dark and dangerous.

### Part B

Select **one** choice from **each** stanza that **best** supports the answer to Part A.

- **A** "What's that thing moving in the tree?" (stanza three)
- **B** "The puppy dashes up to see." (stanza three)
- **C** "... sits beneath the tree...." (stanza three)
- **D** "Her master guides her. . . ." (stanza four)
- **E** "... there is no light ..." (stanza four)
- **F** "She yanks her leash: . . ." (stanza four)

### ► Talk

What details in the poem can help you identify the topic and the theme of "Night Walk"? Use the chart on page 141 to record such details.



Short Response Describe the topic and the theme of the poem "Night Walk." Use details from the poem and your chart to support your response. Use the space provided on page 141 to write your answer.

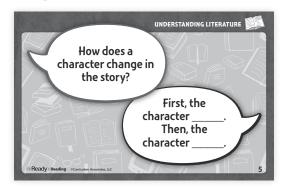


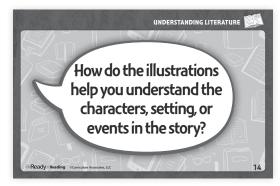
A narrative poem tells a story. Identifying how characters respond to events will help you figure out the theme of the poem.

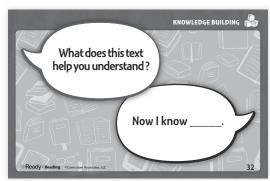
HINT Think about the speaker's reflections on how the puppy will change over time.

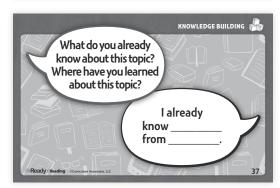


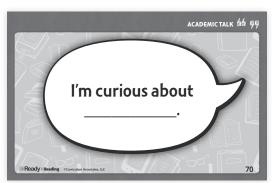
## Reading Discourse Cards

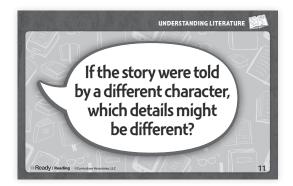




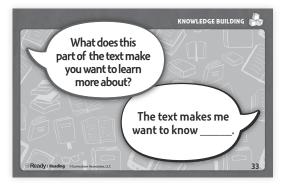


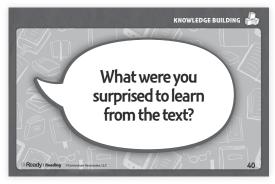


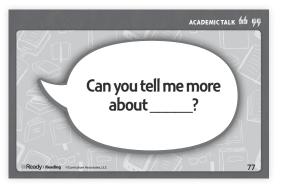














## Tarjetas de discusión



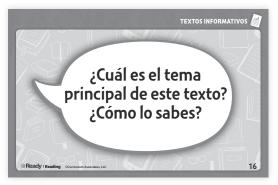






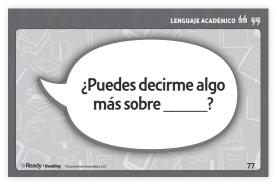
















# 5th Grade Mathematics for the week of 13-17 Apr

# ACCESSING HOMEWORK HELPER eBOOKS

### STEP 1: CREATE AN ACCOUNT

Sign up for a free account at GreatMinds.org/store/signup.

### STEP 2: ACCESS YOUR DASHBOARD

Once you have created an account at GreatMinds.org, you will be taken to your Dashboard.



After you have logged in you can also access your Dashboard by clicking "MY DASHBOARD" in the upper right-hand corner of the site.

### STEP 3: ENTER YOUR PRODUCT KEY

In your Dashboard you will see several buttons, select "PRODUCT KEY" and enter 8010H000002ZySzQAK to access your Homework Helper eBook.

RECENT RESOURCES	PRODUCT KEY	REFINE	~
KEOLKI KEOOOKOEO		1/07/21/18/50	

#### STEP 4: ACCESS YOUR HOMEWORK HELPER eBOOK

After you've entered your Product Key, select a grade-level, and the Homework Helper eBook will be added to your Dashboard. Click "LAUNCH PRODUCT" to navigate into the eBook. Note: if you are viewing the Homework Helper eBooks on a mobile device or tablet, we recommend using landscape view.\_

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# EUREKA MATHTIPS FOR PARENTS

<b>KEY CONCEPT OVERVIEW</b>	

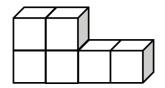
In Lessons 1 through 3, students explore the concept of volume by using cubes. They also apply their skills in real-world contexts.

You can expect to see homework that asks your child to do the following:

- Find the **volume of a solid** by counting the cubes and by applying other strategies.
- Draw cubic units on **isometric dot paper**.
- Solve word problems involving volume.

SAMPLE PROBLEM (From Lesson 1)

The solid below is made up of 1 cm cubes. Find the total volume of the figure and write it in the chart below.



Volume	Explanation
6 cm <sup>3</sup>	I counted 2 cubes on the top and 4 cubes on the bottom. There are 6 total cubes. $2+4=6$ . Since each cube is 1 cubic centimeter, the total volume of the figure is 6 cubic centimeters.

Additional sample problems with detailed answer steps are found in the Eureka Math Homework Helpers books. Learn more at Great Minds.org.

A

Number Correct: \_\_\_\_\_

### Multiply a Fraction and a Whole Number

1.	<sup>1</sup> / <sub>5</sub> × 2 =
2.	$^{1}/_{5} \times 3 =$
3.	<sup>1</sup> / <sub>5</sub> × 4 =
4.	$4 \times \frac{1}{5} =$
5.	<sup>1</sup> / <sub>8</sub> × 3 =
6.	<sup>1</sup> / <sub>8</sub> × 5 =
7.	<sup>1</sup> / <sub>8</sub> × 7 =
8.	7 × <sup>1</sup> / <sub>8</sub> =
9.	$3 \times \frac{1}{10} =$
10.	$7 \times {}^{1}/_{10} =$
11.	<sup>1</sup> / <sub>10</sub> × 7 =
12.	4 ÷ 2 =
13.	$4 \times {}^{1}/_{2} =$
14.	6 ÷ 3 =
15.	<sup>1</sup> / <sub>3</sub> × 6 =
16.	10 ÷ 5 =
17.	10 × <sup>1</sup> / <sub>5</sub> =
18.	<sup>1</sup> / <sub>3</sub> × 9 =
19.	$^{2}/_{3} \times 9 =$
20.	<sup>1</sup> / <sub>4</sub> × 8 =
21.	<sup>3</sup> / <sub>4</sub> × 8 =
22.	<sup>1</sup> / <sub>6</sub> × 12 =
	•

23.	<sup>5</sup> / <sub>6</sub> × 12 =	
24.	<sup>1</sup> / <sub>3</sub> × 15 =	
25.	<sup>2</sup> / <sub>3</sub> × 15 =	
26.	$15 \times {}^{2}/_{3} =$	
27.	<sup>1</sup> / <sub>5</sub> × 15 =	
28.	$^{2}/_{5} \times 15 =$	
29.	<sup>4</sup> / <sub>5</sub> × 15 =	
30.	$^{3}/_{5} \times 15 =$	
31.	$15 \times {}^{3}/_{5} =$	
32.	$18 \times {}^{1}/_{6} =$	
33.	$18 \times \frac{5}{6} =$	
34.	<sup>5</sup> / <sub>6</sub> × 18 =	
35.	24 × <sup>1</sup> / <sub>4</sub> =	
36.	$^{3}/_{4} \times 24 =$	
37.	32 × <sup>1</sup> / <sub>8</sub> =	
38.	$32 \times {}^{3}/_{8} =$	
39.	<sup>5</sup> / <sub>8</sub> × 32 =	
40.	32 × <sup>7</sup> / <sub>8</sub> =	
41.	<sup>5</sup> / <sub>9</sub> × 54 =	
42.	63 × <sup>7</sup> / <sub>9</sub> =	
43.	56 × <sup>3</sup> / <sub>7</sub> =	
44.	$^{6}/_{7} \times 49 =$	

B

Number Correct: \_\_\_\_\_

Improvement: \_\_\_\_\_

### Multiply a Fraction and a Whole Number

1.	<sup>1</sup> / <sub>7</sub> × 2 =	
2.	$^{1}/_{7} \times 3 =$	
3.	<sup>1</sup> / <sub>7</sub> × 4 =	
4.	4 × <sup>1</sup> / <sub>7</sub> =	
5.	$^{1}/_{10} \times 3 =$	
6.	$^{1}/_{10} \times 7 =$	
7.	$^{1}/_{10} \times 9 =$	
8.	9 × <sup>1</sup> / <sub>10</sub> =	
9.	3 × <sup>1</sup> / <sub>8</sub> =	
10.	$5 \times \frac{1}{8} =$	
11.	$^{1}/_{8} \times 5 =$	
12.	10 ÷ 5 =	
13.	10 × <sup>1</sup> / <sub>5</sub> =	
14.	9 ÷ 3 =	
15.	$^{1}/_{3} \times 9 =$	
16.	10 ÷ 2 =	
17.	$10 \times {}^{1}/_{2} =$	
18.	$^{1}/_{3} \times 6 =$	
19.	<sup>2</sup> / <sub>3</sub> × 6 =	
20.	$^{1}/_{6} \times 12 =$	
21.	<sup>5</sup> / <sub>6</sub> × 12 =	
22.	<sup>1</sup> / <sub>4</sub> × 8 =	

23.	$^{3}/_{4} \times 8 =$	
24.	<sup>1</sup> / <sub>5</sub> × 15 =	
25.	<sup>2</sup> / <sub>5</sub> × 15 =	
26.	<sup>4</sup> / <sub>5</sub> × 15 =	
27.	<sup>3</sup> / <sub>5</sub> × 15 =	
28.	15 × <sup>3</sup> / <sub>5</sub> =	
29.	<sup>1</sup> / <sub>3</sub> × 15 =	
30.	<sup>2</sup> / <sub>3</sub> × 15 =	
31.	15 × <sup>2</sup> / <sub>3</sub> =	
32.	24 × <sup>1</sup> / <sub>6</sub> =	
33.	24 × <sup>5</sup> / <sub>6</sub> =	
34.	<sup>5</sup> / <sub>6</sub> × 24 =	
35.	20 × <sup>1</sup> / <sub>4</sub> =	
36.	$^{3}/_{4} \times 20 =$	
37.	24 × <sup>1</sup> / <sub>8</sub> =	
38.	$24 \times \frac{3}{8} =$	
39.	<sup>5</sup> / <sub>8</sub> × 24 =	
40.	24 × <sup>7</sup> / <sub>8</sub> =	
41.	<sup>5</sup> / <sub>9</sub> × 63 =	
42.	54 × <sup>7</sup> / <sub>9</sub> =	
43.	$49 \times {}^{3}/_{7} =$	
44.	<sup>6</sup> / <sub>7</sub> × 56 =	

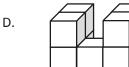


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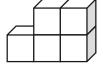
Name			

1. Use your centimeter cubes to build the figures pictured below on centimeter grid paper. Find the total volume of each figure you built, and explain how you counted the cubic units. Be sure to include units.

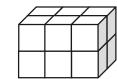
	_
Α.	
Α.	



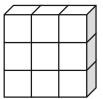
В.



E.



C.



F.

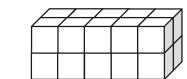
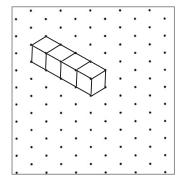


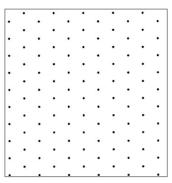
Figure	Volume	Explanation
А		
В		
С		
D		
E		
F		

2. Build 2 different structures with the following volumes using your unit cubes. Then, draw one of the figures on the dot paper. One example has been drawn for you.

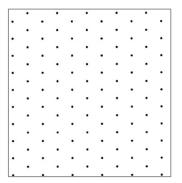
4 cubic units



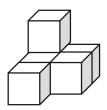
b. 7 cubic units



8 cubic units



- 3. Joyce says that the figure below, made of 1 cm cubes, has a volume of 5 cubic centimeters.
  - a. Explain her mistake.



b. Imagine if Joyce adds to the second layer so the cubes completely cover the first layer in the figure above. What would be the volume of the new structure? Explain how you know.

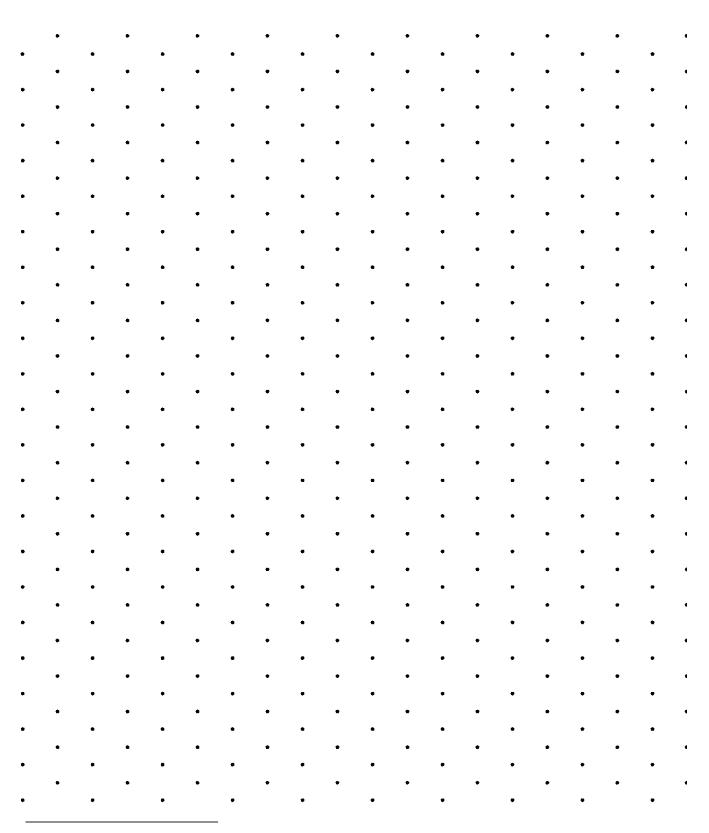


Scan here to access the Answer Key



ceritificater grid par	centimeter	grid	paper
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isometric dot paper

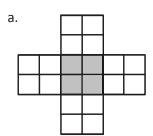




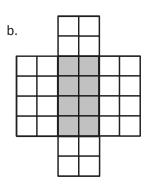
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Na	me		lesson	
4	Clauda tha fallaccina fiaccasa an acutina atau acid na acan	Color and fall and last and last 2 and	المستنسماني	

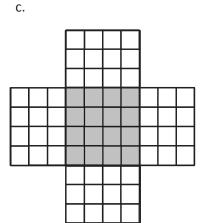
1. Shade the following figures on centimeter grid paper. Cut and fold each to make 3 open boxes, taping them so they hold their shapes. Pack each box with cubes. Write how many cubes fill each box.



Number of cubes: \_\_\_\_\_



Number of cubes: \_\_\_\_\_



Number of cubes: \_\_\_\_\_

2. Predict how many centimeter cubes will fit in each box, and briefly explain your predictions. Use cubes to find the actual volume. (The figures are not drawn to scale.)

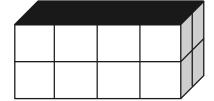
a.



Prediction: \_\_\_\_\_

Actual: \_\_\_\_\_

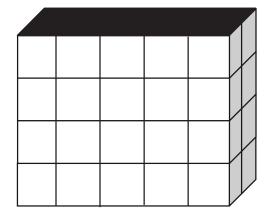
I_	
n	
v	



Prediction: \_\_\_\_\_

Actual: \_\_\_\_\_





Prediction:

Actual: \_\_\_\_\_

- 3. Cut out the net in the template, and fold it into a cube. Predict the number of 1-centimeter cubes that would be required to fill it.
  - a. Prediction:
  - b. Explain your thought process as you made your prediction.

c. How many 1-centimeter cubes are used to fill the figure? Was your prediction accurate?



Scan here to access the Answer Key



		Г	ı	
net				



Lesson 2:

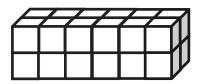
Find the volume of a right rectangular prism by packing with cubic units and counting.



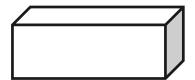
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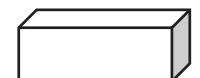
- 1. Use the prisms to find the volume.
  - Build the rectangular prism pictured below to the left with your cubes, if necessary.
  - Decompose it into layers in three different ways, and show your thinking on the blank prisms.
  - Complete the missing information in the table.

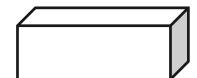
a.



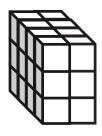
Number of Layers  Number of Cubes in Each Layer		Volume of the Prism	
		cubic cm	
		cubic cm	
		cubic cm	

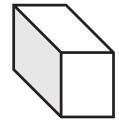






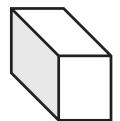
b.





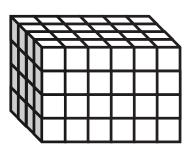
Number of Layers	Number of Cubes in Each Layer	Volume of the Prism	
		cubic cm	
		cubic cm	
		cubic cm	







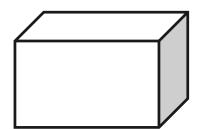
2. Josh and Jonah were finding the volume of the prism to the right. The boys agree that 4 layers can be added together to find the volume. Josh says that he can see on the end of the prism that each layer will have 16 cubes in it. Jonah says that each layer has 24 cubes in it. Who is right? Explain how you know using words, numbers, and/or pictures.



3. Marcos makes a prism 1 inch by 5 inches by 5 inches. He then decides to create layers equal to his first one. Fill in the chart below, and explain how you know the volume of each new prism.

Number of Layers	Volume	Explanation
2		
4		
7		

4. Imagine the rectangular prism below is 6 meters long, 4 meters tall, and 2 meters wide. Draw horizontal lines to show how the prism could be decomposed into layers that are 1 meter in height.



It has \_\_\_\_\_ layers from bottom to top. Each horizontal layer contains \_\_\_\_\_ cubic meters. The volume of this prism is \_\_\_\_\_.



Lesson 3:

Compose and decompose right rectangu



Name		Date	Date	
Use these rectangular pris	sms to record the layers that y	you count.		

rectangular prism recording sheet

# EUREKA MATHTIPS FOR PARENTS

#### **KEY CONCEPT OVERVIEW**

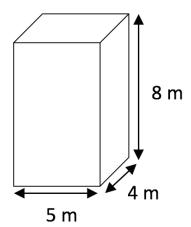
In Lessons 4 through 9, students continue to work with volume as they learn to find the volume of a **rectangular prism**. Additionally, students apply their skills in real-world contexts.

You can expect to see homework that asks your child to do the following:

- Find the volume of a rectangular prism by using volume formulas:
  - Volume of a rectangular prism = length × width × height.
  - Volume of a rectangular prism = area of the base × height.
- Solve problems by using the equation  $1 \text{ cm}^3 = 1 \text{ mL}$ .
- Solve word problems involving volume.

**SAMPLE PROBLEM** (From Lesson 4)

Calculate the volume of the rectangular prism. Include the units in your number sentence.



Volume =  $5 \text{ m} \times 4 \text{ m} \times 8 \text{ m} = 160 \text{ m}^3$ 

Additional sample problems with detailed answer steps are found in the Eureka Math Homework Helpers books. Learn more at GreatMinds.org.

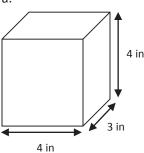


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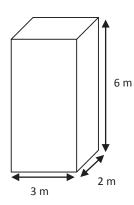
ame	video  lesson
Each rectangular prism is built from centin	neter cubes. State the dimensions, and find the volume.
a.	Length: cm
	Width:cm
	Height:cm
	Volume: cm <sup>3</sup>
	Length: cm
b.	Width: cm
	Height: cm
	Volume: cm <sup>3</sup>
с.	Length: cm
	Width: cm
	Height: cm
	Volume: cm <sup>3</sup>
d.	Length: cm
	Width: cm
	Height: cm
	Volume:cm <sup>3</sup>
Write a multiplication sentence that you controllem 1. Include the units in your sente	ould use to calculate the volume for each rectangular prism ences.
a	b

3. Calculate the volume of each rectangular prism. Include the units in your number sentences.

a.



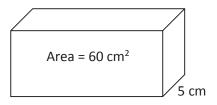
b.



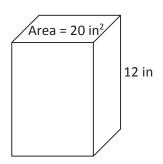
4. Tyron is constructing a box in the shape of a rectangular prism to store his baseball cards. It has a length of 10 centimeters, a width of 7 centimeters, and a height of 8 centimeters. What is the volume of the box?

5. Aaron says more information is needed to find the volume of the prisms. Explain why Aaron is mistaken, and calculate the volume of the prisms.

a.



b.





Scan here to access the Answer Key

Name	Date
Use these rectangular prisms to record the layers the	nat you count.

rectangular prism recording sheet (from Lesson 3)





Scan Here to watch video lesson

Name \_\_\_\_\_

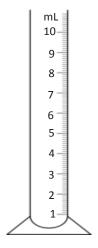
1. Determine the volume of two boxes on the table using cubes, and then confirm by measuring and multiplying.

Вох	Number of Cubes	Measurements		Valuma	
Number	Packed	Length	Width	Height	Volume

2. Using the same boxes from Problem 1, record the amount of liquid that your box can hold.

Box Number	Liquid the Box Can Hold
	mL
	mL

3. Shade to show the water in the beaker.



	mL 10-
	9
	8
	7-
	6
	5
	4-
	3
	2
	1
_	$\bigcirc \setminus$

mL 📗	
10	
9	
8	
7	
6	
5	
4	
3	
2	
[ 1-]	
$\smile$	1

At first:

After 1 mL water added:

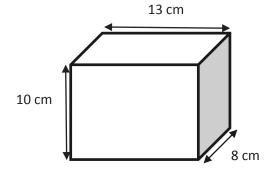
After 1 cm cube added:

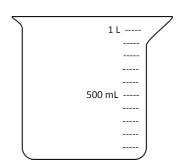
\_\_\_\_\_ mL

\_\_\_\_\_ mL

\_\_\_\_\_ mL

- 4. What conclusion can you draw about 1 cubic centimeter and 1 mL?
- 5. The tank, shaped like a rectangular prism, is filled to the top with water.





Will the graduated cylinder hold all the water in the tank? If yes, how much more will the beaker hold? If no, how much more will the tank hold than the beaker? Explain how you know.

- 6. A rectangular fish tank measures 26 cm by 20 cm by 18 cm. The tank is filled with water to a depth of 15 cm.
  - a. What is the volume of the water in mL?
  - b. How many liters is that?
  - c. How many more mL of water will be needed to fill the tank to the top? Explain how you know.
- 7. A rectangular container is 25 cm long and 20 cm wide. If it holds 1 liter of water when full, what is its height?

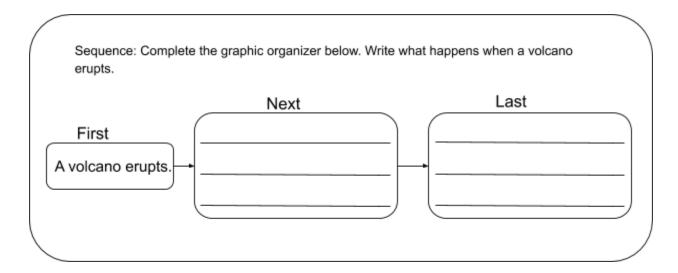




# What are the spheres of the Earth?

## Earth as a system

Earth is a system. A system is a group of parts that work together. Earth's system is made up of parts called spheres. Four major spheres of Earth's system are air, water, land, and all living things. These spheres interact because parts of them move into each other. For example, air always contains dirt particles and evaporated water. The dirt falls into oceans, rivers, and lakes. The water falls on the land as rain or snow. Events also happen that result in spheres interacting. When a volcano erupts, materials from the land move into the air as gas and ash. The ash can fall into water. The way the air, water, and land interact makes it possible for organisms to live on Earth.



#### **Atmosphere**

The mixture of water vapor and other gases, as well as particles of matter such as dust that surrounds Earth's surface is called the **atmosphere**. Nitrogen and oxygen are the main gases in the atmosphere. It also contains a small amount of carbon dioxide. Most of the atmosphere is close to the surface of Earth. Thunder, lightning, wind, and rain occur here. As you go higher and higher, there is less and less gas, and the air pressure decreases.

The atmosphere is essential for life on Earth. No other planet in the solar system contains the same mixture of gases that organisms need to live. The atmosphere also holds in heat from the sun, making Earth warm enough to support life. The atmosphere helps protect living things from being damaged by too much sunlight.

Generalize: What are the components of the atmosphere that help organisms live on Earth?

Identify: What does the atmosphere contain?

Gases in Planets' Atmospheres

Venus Earth Jupiter

carbon dioxide nitrogen hydrogen nitrogen oxygen helium

Compare: The chart shows the main gases in the atmospheres of three planets. How is Earth's atmosphere similar to the atmosphere of the other planets? How is it different?

# **Hydrosphere**

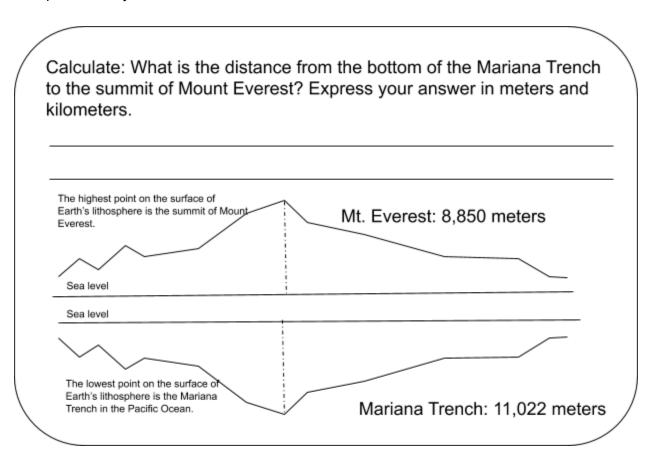
All the waters of Earth make up the hydrosphere. The **hydrosphere** covers a little less than ¾ of Earth's surface. Most of the hydrosphere is ocean water. Ocean water contains salt, among other particles. The Pacific Ocean is the largest and deepest part of the ocean, followed by the Atlantic Ocean, the Indian Ocean, the Southern Ocean, and the Arctic Ocean. The oceans are connected.

The hydrosphere also contains fresh water. Most lakes, rivers, streams, and glaciers are fresh water. So is groundwater. Groundwater is rain or melted snow that soaks into the ground. Fresh water is not evenly spread over Earth. Some places have more fresh water than others.

Predict: Describ	e what Earth would be like if the hydrosphere covered of its surface.

### The Lithosphere

The solid, rocky outer layer of Earth is the **lithosphere**. The lithosphere contains rocks, soils, and minerals. It covers the entire surface of Earth and is made up of the continents, islands, and the ocean floors. The surface of the lithosphere varies from flat plains to hills and valleys to mountaintops. The distance from Earth's surface to its center is about 6,400 kilometers. Scientists have drilled holes into Earth as deep as 12 kilometers. The drills have brought up samples of rock. Using rock samples and other methods, scientists have inferred that the lithosphere averages about 100 kilometers thick. This measurement is about as far as you can travel in a car on the highway in one hour. Compared to the radius of Earth, the lithosphere is very thin!



	Exemplify: If you use a hard-boiled egg as a model for Earth, which part of the egg would represent the lithosphere?
Bio	osphere
Earth	Living things can be found almost everywhere on Earth. The part of Earth in which living are found is the <b>biosphere</b> . The biosphere extends from about 10 kilometers above it's surface to about 10 kilometers below the surface of the ocean. Although living things live in different parts of the biosphere, they all share resources such as water, air, and
	Identify: What parts of Earth allow organisms to live?
	Identify: What makes up the hydrosphere?
	Explain: How does life on Earth depend on the atmosphere?

#### 5th Grade, Social Studies, At Home Activities and Resources

**Directions**: Students can spend time twice a week on Social Studies. Activities 1-3 and 9-11 are shorter activities, numbers 4-6 can be done over multiple days.

Activity 1	Studies Weekly	Studies Weekly is the curricular resource for students in grades K-6. It is a newspaper-like reading with activities for students to complete. Parents and students can sign up for a free digital trial of Studies Weekly for 90 days. Sign up for SS Weekly and select an article to read.  https://app.studiesweekly.com/online/free_trial
Activity 2	The Smithsonian Tween Tribune	The Smithsonian Tween Tribune website has articles on a variety of topics with questions and quizzes at the end for students to complete. At the top of each article are different Lexile scores, the lower the score the easier the reading.  https://www.tweentribune.com/
Activity 3	Time for Kids	Time for Kids website- this has digital articles, videos, and some assessments, often with information in Spanish. The resources are available for students in grades Kindergarten to 6th. There are free resources available.  https://www.timeforkids.com/
Activity 4	Diary of a Revolutionary	Pretend you are a colonist or soldier during the Revolutionary War and write a page-long diary entry about your life. Include what you might have experienced during that time.
Activity 5	Oral History	Interview a family or community member to write, or draw, an oral history. Ask about a historical event (including questions such as who, what, when, where, why and how). Ask how the historical event impacted the life of the person they are interviewing.

Activity 6	Letter to a Government Official	Write a letter to a government official- such as the mayor of Tulsa, a tribal leader, the Oklahoma governor, or the President. Identify a major issue and what you would like the government leader to do to help. Include important facts that support your ideas.
Activity 7	This Day in History	Go to the People History website and research some of the important events that happened today in a different year! Summarize the event and also compare and contrast today's world with what you learned.  http://www.thepeoplehistory.com/this-day-in-history.htm
Activity 8	Home Map & Scavenger Hunt	First, make a map of your home. Next, divide it up into a grid and use cardinal directions(north, south, east, west) to label each section of the grid. Then leave clues on pieces of paper in different parts of the grid that lead the student to the next clue. The hunt should end in a specific object or a piece of candy. For example, the first piece of paper would say, "look under the chair that's in the SE square of the home." Then under the chair would be another piece of paper that says, "look inside the shoe that's in the NW part of the home." And so on, until all the hidden clues are found.
Activity 9	Comparing Memories and Stories	Think about a specific memory you have with your family. Summarize the specific memory. Now, interview each family member about the same memory. Detail the account of each person and compile all the information you can. In the end, examine the final body of work. Compare and contrast the different accounts about the same event. Why are there differences? What made similarities possible? What does this tell us about larger historical events? How will this impact how you analyze other parts of history or current events?
Activity 10	What a Time!	Did you know that you are living through a historic time? In future decades, like the 2030s, researchers will research the COVID-19 pandemic They will look to primary sources, first-hand accounts or other data

		sources to learn how people were affected by this pandemic. To support them:  1. Write down what news you are hearing every day, noting the changes that are taking place, for one week.  2. Provide your perspective and personal experiences to the news you are hearing.  3. Interview at least three (3) people that are older than you about their experience. Identify the similarities and differences in how they have reacted.	
Activity 11	Hero Research	Who is your hero? How did they become your hero? Research this person and figure out how they became who they are. Summarize your investigation.	