

At Home Learning Resources

Grade 5 - Week 5



Read these poems. Think about the theme in each poem. What does the poet want you to learn? What figurative language do you see (similes, metaphors, personification, etc.)? How does the language make you feel? Why did the poet include figurative language?

Cottontail George Bogin

A couple of kids, we went hunting for woodchucks fifty years ago in a farmer's field. No woodchucks but we cornered a terrified little cottontail rabbit in the angle of two stone fences. He was sitting up, front paws together, supplicating, trembling while we were deciding whether to shoot him or spare him. I shot first but missed, thank god. Then my friend fired and killed him and burst into tears. I did too. A little cottontail. A haunter.

Say I Fail?

Say that things don't work out? Say I fail the test? Say I'm just not good enough? Say I did my best?

Say my friends all snigger? Say they think I'm mad? Say I'm just a loser now? Say they call me sad?

Say that I'm embarrassed? Say I lose esteem? Say disaster strikes again? Say I drown in dreams?

Say I never even try? Say I don't begin? Say I put it off for now? Say regret sets in?

Say that I just give up? Say I never dared? Say that I look back and think -'I could have but was scared.

'Say I might just make it? Say that I deserve? Say I keep believing big? Say I test my nerve?

Say what I imagine, Say I see it through, Say this dream up in my head -Say it will come true?

Say I never give up? Say I plant the seed -That roots, and shoots and blossoms? Say that I succeed?

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In the Ebony Room

In my classroom We study by sunlight. But when the wind whistles, And the clouds hurry in front of the sun,

- 5 The trees bow.Leaves flutter,And the pages of our booksBegin flipping by themselves,And the clouds are full of rain.
- 10 Then the wooden windows Of my classroom Are pulled shut.

In the ebony dark room Grinning students whisper

- How wonderful it isNot to have to do theirArithmetic, reading, and writing.The whispering fades.On wooden desks students rest their heads.
- 20 On wooden tables teachers rest their heads.For in the ebony roomThe rain singsA lullaby to students and teachers.

The pit-a-pat of the rain

- ²⁵ On the wooden windowpanes And the whistling wind Get louder.Pupils wake up and sing: "Stop, rain, stop.
- We cannot play on green grass.We cannot go home to our parents.Stop, rain, stop.Come back another day."

But the rain, with a mind of its own,

- Beats against our wooden windows.
 And pit-a-pat we hear it say:
 "I have a rain forest to fill
 And grass to keep green!
 I will rain till I'm through.
- 40 Children can wait. My music will not." So in the dark room we nod and doze To the rain's lullaby.

-Isaac Olaleye

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Eraser and School Clock, by Gary Soto

	My eraser	40	l walk out
	ls pink		To the playground,
	And car-shaped.		My eight fingers
	It skids across		And two thumbs
5	My math test,		Wrapped around
	Which is a mess of number	45	A baseball bat.
	All wrong, like		The janitor
	When I unscrewed		ls frozen
	The back of my watch		To his broom,
10	And the workings		The gardener
	Fell out.	50	To his lasso of
	The teacher frowned		Hose and sprinkler,
	When she saw		And the principal
	The watch,		To his walkie-talkie.
15	Its poor heart		I hit homer
	Torn out. Now	55	After homer,
	I'm working		And they stand,
	On my math,		Faces frozen
	And I think,		And mouths open,
20	I think, I think		Their eyes maybe moving,
	l know. I look	60	Maybe following
	Up at the school clock		The flight
	With its hammerlike tick.		Of each sweethomer.
	I could tear		What a dream.
25	Open its back,		l shrug
	And perhaps	65	And look around
	The springs and gears		The classroom
	Would jump		Of erasers and pencils,
	And time stop.		The clock racing
30	This test could stop,		My answers to the finish.
	And my friends		
	Freeze, pencils		
	In their hands,		
	Erasers, too.		
35	All would freeze,		
	Including my teacher,		
	And I could blow		
	On the skid marks		
	Of my eraser.		

Write some poems of your own. Use this chart to remind you of how to write poetry. Create a heart map and begin generating ideas. Turn those ideas into poems.

How to Write Poetry Study mentor poems and anthologies • Generate ideas • -Heart Map -Doors of Poetry Study the craft moves of mentor poets • Develop notebook entries into poems • Add meaning and musical craft tools • Make choices about where to break lines and stanzas • Use metaphors and similes • Use precise word choice • Choose a theme for your anthology • Begin your poem in the midst of the experience • End your poem strongly •

One way to create ideas for poems is to make a heart map. Use this list to make a heart map of your own.

SAMPLE ANCHOR CHART

Heart Map Questions

Things That Really Matter to Me! People, Places, Ideas

- Special people and why?
- Special places and why?
- Special moments and why?
- What has really affected your heart?
- What are some experiences that you'll never forget (past and present)?
- What happy or sad memories do you have?
- What secrets have you kept in your heart?
- What small things or objects are important to you (a tree in your backyard, a trophy, a stuffed animal?)
- What are your dreams?
- What are some things you love to do?
- What are your fears?



This is an example of a teacher's heart map for poetry writing ideas. It is also available on Atlas via the link: Teacher Samples.

Here is an example of how to take something you wrote about in your journal or notebook and turn it into a poem. Now you try it.

Writer's Notebook Entry

In the winter it snows a lot. Every morning I heard the wind howling upon my window. I always wanted to stay asleep inside my bed. But I would wake-up and peek out my window. After a snow storm, everything looked so white in my backyard. I felt like I was living in a snow globe.

It's winter. And it's been snowing for days and days now. Every morning, I hear the howling wind upon my window: whoo, whoo. I want to stay asleep, peaceful inside my warm bed. But instead I wake-up and peek out my window, watching the snow fall, fall, fall. Soft and silent. The whole world is full of white and I am living in a snow globe.

Poem Revised - Draft 2

It's been snowing for days and days and days.

Every morning wind howls upon my window

whoo whoo

like a lullaby luring me back to sleep.

But I don't stay asleep I wake-up and peek outside my window watching the pure white snowflakes fall fall fall soft and silent.

The whole world is full of white and I am living in a snow globe.

Prepare for Powers of 10

Think about what you know about powers of 10. Fill in each box.
 Use words, numbers, and pictures. Show as many ideas as you can.



Use the diagram to help you find each product.



Solve.

3

Complete the table showing different ways to write powers of 10.

Standard Form	Product of Tens	Exponent Form
100	10 × 10	10 ²
1,000		10 ³
10,000	10 imes 10 imes 10 imes 10	
	10 imes 10 imes 10 imes 10 imes 10	

4 Complete the table to show different ways to write 500, 5,000, and 50,000.

Standard Form	Using a Power of 10	Using Factors of 10	Exponent Form
500	5 × 1 00	5 imes 10 imes 10	$5 imes 10^2$
5,000	5 × 1,000	5	5 ×
50,000	5 ×	5 imes 10 imes 10 imes 10 imes 10	5 ×

5 Rewrite each division equation to show the power of 10 in exponent form. Use the first pair of equations as an example.

 $5,000 \div 10 = 500 \longrightarrow 5,000 \div 10^{1} = 500$ $5,000 \div 100 = 50 \longrightarrow 5,000 \div \dots = 50$ $5,000 \div 1,000 = 5 \longrightarrow 5,000 \div \dots = 5$

Practice with Powers of 10

Study how the Example shows multiplying a decimal number by a power of 10. Then solve problems 1–7.

Find $10^2 \times 0.004$.	
Break 10 ² into the product of tens.	$10^2 \times 0.004 = 10 \times 10 \times 0.004$ = 10 × 0.04 = 0.4
The value of the digit 4 increases by m one place to the left for each factor of	oving $10^2 \times 0.004 = 0.4$ 10.
Write the missing power of 10 in expo a. $0.04 \times = 0.4$ b. $\times 0.006 = 0.6$	nential form. $0.004 \times = 4$ $\times 0.006 = 6$ Vocabulary power of 10 a number
c. $0.007 \times = 7$ Complete the equations to find each	$0.07 \times = 7$ $10 = 10$ $100 = 10 \times 10$ $1,000 = 10 \times 10 \times 10$
a. $8 \times 100 = 8 \times 10^2 =$ b. $8 \times 1,000 = 8 \times = 2 \times 10^1 =$ c. $2 \times = 2 \times 10^1 =$ d. $0.02 \times 100 = 0.02 \times$	exponent the number a power that tells how many times to use the b as a factor. 10 ² ← exponent
Complete the equations. a. $0.03 \times 1,000 =$	base $10^2 = 10 \times 10$, or 10

5

4 Use the place-value chart to show dividing 9 by powers of 10. Complete each row with the quotient shown to the right of the row.

Ones	•	Tenths	Hundredths	Thousandths	
9		0	0	0	
					9 ÷ 10
					9 ÷ 10
	•				9 ÷ 10 ³

Match each expression with its quotient.

a.	5.2 ÷ 10	0.052
	530 · 10 ³	0.52
b.	$520 \div 10^2$	5.2
с.	$52 \div 10^{3}$	52
	02 10	520
d.	$5,200 \div 10^{1}$	5,200

6 Describe how the placement of the decimal point changes when you multiply a number by a power of ten. How is this the same and different for division?

Is multiplying by 10³ the same as multiplying by 10 factors of 3? Explain.

Practice Using Estimation with Decimals

Study the Example showing how to estimate a difference using decimal grids. Then solve problems 1–4.



Look at the Example. Does this situation require an exact answer, or is the estimate enough? Explain.

2 Suppose Kamala wants to have exactly 5.5 liters of lemonade for her party. How much more lemonade does she need? Show your work.

Kamala needs ______ liters more of lemonade.

- 3 Ryan and Sarah are looking at cell phone plans. They could share a group plan that costs \$119.95 per month, or they could each pay for an individual plan that costs \$62.77 per month.
 - a. Estimate which choice would cost less for Ryan and Sarah. Explain why.
 - **b.** How much money could they save per month by paying for the choice that costs less instead of the choice that costs more? Show your work.

Ryan and Sarah can save _____ by choosing a(n) _____

Chris wants to make at least 4.5 pounds, but no more than 5 pounds, of berry salad. He finds a carton of raspberries that weighs 1.83 pounds, a carton of blueberries that weighs 1.5 pounds, a carton of blackberries that weighs 1.72 pounds, and a carton of strawberries that weighs 1.29 pounds. If Chris wants to use three different types of berries, what is one combination of cartons he could buy? Explain. Show your work.

Solution	• • • • • • • • • • •
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• • • • • • • • • • • • • • • • • • • •	

plan.

Lesson 1 • Use after Ready Instruction page 5

Name:

Work with Place-Value Patterns

Study how the example shows place-value patterns. Then solve problems 1–8.

Example

Show how the numbers 1, 0.1, and 0.01 are related.



Use the ×10 pattern from the example to complete each equation.

> $_$ = 1 × 10 1 = $_$ × 10 0.1 = $_$ × 10

2 The pattern can also be described using division. Use the grids in the example to complete the equations.

 $10 \div 10 = _$ $1.0 \div 10 = _$ $0.1 \div 10 = _$

Use the ÷10 pattern to fill in the blanks.

400

0.4

4 How are the decimals 0.009 and 0.09 related? Explain.

Solve.

Choose Yes or No to tell whether the expression is equivalent to 0.07.

a.	0.007 × 10	Yes	No
b.	0.7 ÷ 10	Yes	No
с.	0.07 imes 10	Yes	No
d.	0.007 ÷ 10	Yes	No

6 Describe the shaded section of the model two different ways. Fill in the missing information below.

a. 8 tenths = _____

- **b**. _____ hundredths = 0.80
- Choose a symbol from the box to show the relationship between 0.8 and 0.80.



0.8 () 0.80

8 Shade some or all of the grids to show that 2 ones is the same as 20 tenths. Explain.

_	_	_	_	_	_	_	_	_
	-			-				
⊢	-	-	-	-	-	-		-
	1							
-	-	-	-	-	-	-	-	-
		1						
-	-	-	-	-	-			
⊢	-	-	-	-	-			-

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		13			
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-					1.
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Use the example to help you complete each equation.

- **a**. 0.005 × 10 = _____
- **b.** $0.05 \times ___ = 0.5$
- **c**. _____ × 10 = 5
- **d**. 5 × 10 = _____
- 2 How could you rewrite $0.05 \times 10 = 0.5$ as a division equation? Explain how you know.



Solve.

Each grid below represents a whole. Shade Models A, B, and C to match the number and decimals.



- 4 Use the shaded grids in problem 3 to complete the multiplication sentences that show how the models are related.
 - a. Look at Model A and Model B.

0.2 × 10 = _____

b. Look at Model B and Model C.

_____ × 10 = _____

- 5 Use the shaded grids in problem 3 to write division sentences that show how the models are related.
 - a. Look at Model A and Model B.

_____÷ 10 = _____

b. Look at Model B and Model C.

_____÷ 10 = _____

6 Look at problem 3. Imagine a Model D that shows 0.002. Write a multiplication equation and a division equation that show how Model C and Model D are related. Is there more than one possible answer? Explain. Lesson 2 • Use after Ready Instruction page 11

Name:

Multiply and Divide with Powers of Ten

Study the example showing how the decimal point moves when you multiply a decimal number by a power of ten. Then solve problems 1–7.



 a. $0.04 \times __ = 0.4$ $0.004 \times __ = 4$

 b. $__ \times 0.006 = 0.6$ $__ \times 0.006 = 6$

 c. $0.007 \times __ = 7$ $0.07 \times __ = 7$

When you multiply a decimal by a power of ten, what is the relationship between the number of places the decimal point moves and the number of zeros in the power of ten? Give an example.

> **Vocabulary power of ten** a number that can be written as a product of tens. 10 = 10 $100 = 10 \times 10$ $1,000 = 10 \times 10 \times 10$

> > 13

3 Complete the equations.

- **a**. 0.03 × 1,000 = _____
- **b**. $0.008 \times 100 =$ _____

Solve.

4 Complete the table below to show dividing by powers of ten.

Ones	Tenths	Hundredths	Thousandths	केन्द्र के म
9	0	0	0	
				9 ÷ 10
				9 ÷ 100
				9 ÷ 1,000

- 5 Write the quotient.
 - **a**. 0.03 ÷ 10 = _____
 - **b**. 0.3 ÷ 100 = _____
 - **c**. 3 ÷ 1,000 = _____
- 6 How is the way the decimal point moves when you divide a decimal number by a power of ten the same as when you multiply? How is it different?

- Complete the equations showing powers of tens using exponents.
 - **a.** $8 \times 100 = 8 \times 10^2 =$
 - **b**. 8 × 1,000 = 8 × ____ = ____
 - **c.** $2 \times ___ = 2 \times 10^1 = ___$
 - **d**. $0.02 \times 100 = 0.02 \times ___ = __$



GRADE FIVE - SCIENCE

The Challenge

Build a boat that paddles itself using a rubber band as its power source.

In this challenge, kids (1) follow the design process to make a boat out of cups; (2) design and build working paddles; (3) use rubber bands to store and release energy; and (4) figure out ways to attach their paddles to their boats.

1 Introduce the challenge (5 minutes)

Begin by looping a rubber band over your thumb and index finger. Slide a 1 x 2-inch piece of chipboard through the rubber band and wind it up. Let go so the chipboard spins. Begin by telling kids the challenge. Tell them that they'll be using this kind of rubber-band-powered paddle to drive a boat across a container of water. Then get them thinking about storing and releasing energy. Ask:

- Where was the energy stored that made the paddle spin? (In the rubber band)
- Tell kids that the term for stored energy is **potential energy**. Ask, "How can you increase a rubber band's potential energy?" (*Wind it up more*.)
- How can you tell when potential energy stored in the rubber band is being used? (Something moves.)
- Tell kids the term for motion energy is **kinetic energy**. Ask, "What are some examples of kinetic energy that occur when a paddleboat moves through the water?" (*The rubber band unwinds; the paddle spins; the boat moves; waves spread out*)

2 Brainstorm and design (10 minutes)

Show kids the materials and ask, "How can you use these materials to make a boat that paddles itself through the water using a rubber band as its power source?" After discussing their ideas, have them sketch their designs on a piece of paper or in their design notebooks.

Build, test, evaluate, and redesign (35 minutes)

Distribute the challenge sheet and have kids begin building. If any of the following issues come up, ask kids questions to get them thinking about how they might solve their problems.

- Kids are all doing the exact same design. Suggest different boat designs, such as: (1) Seal a cup by putting tape over the opening and floating it on its side; (2) Cut a cup in half lengthwise and tape the halves together to form an open boat; (3) Tape several cups together to make a raft; and (4) Use the chipboard for the boat's bottom and sides.
- Water leaks into the cup. Seal openings with duct tape.
- The paddles are hard to attach to the cup. (1) Tape straws or wooden skewers along the sides of a cup (or poke them through the sides and bottom) so they stick out far enough to loop a rubber band over them. (2) Build a frame out of straws or wooden skewers and mount it between two cups. Attach the rubber band and paddle to this frame.



CHALLENGE



EADER

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A paddleboat moves when the rubber band's stored (*potential*) energy is converted into motion (*kinetic*) energy and spins the paddle.



Testing in a large container of water lets the boats paddle a good distance before hitting a side.

- The chipboard paddle warps when it gets wet. *Protect it by wrapping it in duct tape.*
- The paddle hits the frame that holds it. *Reposition the rubber band; widen or lengthen the frame; make the paddle smaller.*
- The frame holding the rubber band bends when the rubber band is wound tight. Make sure the frame is securely taped to the cup. See if adding a crosspiece can help stiffen the frame. Also, move the rubber band toward the cup. The closer it is to the cup, the harder it will be to bend the frame. Finally, use wooden skewers. They're stronger than straws.
- The boat tips and does not let the paddle hit the water properly. Add weight to the boat to control its position. Tape a washer or two to the bottom of the hull. Weight used to keep a boat upright is called **ballast**.

Oiscuss what happened (10 minutes)

Have kids talk about their designs and how they solved any problems that came up. Emphasize the key themes in this challenge—potential and kinetic energy—by asking questions such as:

- What are some examples of potential and kinetic energy in your paddleboat? (An example of potential energy is the wound rubber band. Examples of kinetic energy include the things that moved, like the paddle, rubber band, boat, and water.)
- How can you store a lot of energy in your boat? (*Wind up the rubber band tighter, or use more than one rubber band.*)
- What was the hardest problem to solve when building your boat? (Answers will vary, but perfecting the paddles and attaching them to the cup is often quite challenging.)

FOR EVENTS

- Draw kids into your area by asking, "How quickly can you get a boat to power itself through the water?"
- It's hard to make boats that float well with cups smaller than 8 ounces. If you want to give kids more design options, offer them two different-sized cups, such as 8- and 12-ounce cups.
- Test boats in large containers. Kiddie pools, underbed storage containers, or wallpaper trays offer kids longer, more satisfying travel times for their boats. In addition, even when a boat doesn't go straight, it can still go reasonably far before hitting a side.
- To avoid overcrowding, provide one kiddie pool per 20 participants expected, one underbed storage container per 10 kids expected, or one wallpaper tray per 4 kids expected. Since kids won't all be testing at once, these numbers will provide plenty of open water for testing.
- Large containers filled with water are heavy and awkward. Put the container where you want it on the floor of the testing area. Then use a bucket to fill and empty it.
- Have towels on hand to mop up spills.

To determine how many materials you'll need for different-sized events, for information on obtaining large quantities of materials, and for other general event tips, see page 7.

PADDLE POWERDESR

YOUR CHALLENGE

Design and build a boat that paddles itself across a container of water using a rubber band as its power source.

BRAINSTORM & DESIGN

Look at your materials and think about the questions below. Then sketch your ideas on a piece of paper or in your design notebook.

- 1. How can you use these materials to make a boat that floats well?
- 2. How will you attach a rubber band and paddle to your boat?
- 3. How big a paddle do you need so that it reaches the water and drives the boat?
- 4. How will you make sure your boat doesn't sink, tip, or roll over?

BUILD, TEST, EVALUATE & REDESIGN

Use the materials to build your paddleboat. Then test it by winding it up, putting it in the container of water, and releasing it. When you test, your design may not work as planned. The saying, "If at first you don't succeed, try, try again," is at the heart of the design process. Testing a design and then revising it based on what you've learned is a key to success. Study the problems and then redesign. For example, if your paddleboat:

- tips—Add some weight to the bottom of the boat to help keep it upright.
- has a warped paddle—Think of some ways to waterproof the paddle.
- has a paddle that hits the frame holding it—See if moving the rubber band makes a difference. Also consider changing the size of the frame or the paddle.
- has parts that bend when the rubber band is wound tight—*Make* sure parts are taped on securely. Also, see if moving the rubber band makes a difference. The closer it is to the boat, the harder it will be to bend things. Finally, find ways to add support to any parts that bend.
- doesn't make it across the container—Experiment with ways of storing up more energy. Your boat moves by changing stored energy (potential energy) into motion energy (kinetic energy). The more you wind the rubber band (or the more rubber bands you use), the more potential energy you store. When you let go, this potential energy turns into kinetic energy, and the boat moves.

as built on TV

pbs.org/designsquad

MATERIALS (per person)

- chipboard (8 ¹/₂ x 11 sheet)
- wide container partially filled with water (e.g., kiddie pool, bathtub, underbed storage container, wallpaper tray)
- duct tape
- 2 paper cups (8 ounce or larger)
- 5 rubber bands
- scissors
- towels (paper or cloth)
- 4 straws
- washers (1-inch or larger)
- 4 wooden skewers



TAKE IT TO THE NEXT LEVEL

- Watch your fingers! Add an on-off switch so you can start and stop the paddle.
- Ready. Set. Go! Experiment with the paddle, the rubber band, or the boat's shape to increase its speed. Then race other paddleboats.
- Tugboat time! Carry or tow a Ping-Pong ball from one side of the container to the other.

ENGINEERING IN ACTION

Engineer Paul MacCready was always intrigued by the way birds soared through the air. As an adult, he brought his passion to life by building gliders that won contests and set records. His success didn't stop with gliders-he built the world's first human-powered aircraft. Yes, that's right, human powered! In one of MacCready's planes, the Gossamer Condor, the pilot pedaled a modified bike to spin a propeller. It was a breakthrough in design. With a wingspan of 96 feet, the Condor was 30 feet long and 18 feet high-bigger than a tractor-trailer truck. And it weighed only 70 pounds-less than half the weight of the pilot! MacCready made his planes light and strong with clever designs that used materials in new ways. His motto was "do more with less."

Look at the materials below. MacCready used all but one to build the Condor. Guess which one wasn't a part of his incredible flying machine?

- A. Mylar[®] plastic (like in silver balloons) **B.** Aluminum tubes
- C. Bicycle parts
- D. Cardboard
- **E.** Titanium panels

F. Piano wire G. Clear household tape H. Styrofoam®

> (. "helyM neta reavier than Mylar"). the si muinetit daucht nevel. Even though titanium is a lightweight



Watch the DESIGN SQUAD Aquatic Robotics episode on PBS or online at pbs.org/designsquad.



Is that a bird or a plane? Build an airplane that flies by flapping its wings out of wood, wire, tissue paper, rubber bands, and glue. See how on Make Magazine's project page at makezine.com/designsquad.







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ORTHROP GRUMMAN



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A Battle Over Bags

- Shawntil Bailey was carrying a paper bag filled with groceries out of a supermarket in Austin, Texas. Suddenly, the bag ripped. Her groceries went crashing to the ground.
- 2 "I've lost loads of groceries lots of times," Bailey says. "The paper bags aren't as sturdy as the plastic ones."
- Bailey isn't the only person in Austin who's had to adjust to life without plastic bags. Since March 2013, stores in Austin cannot give out disposable plastic bags at checkout counters. Instead, they give out paper bags. Store shoppers can also bring their own reusable cloth bags.
- A growing number of places in the United States have banned plastic shopping bags. In August 2014, California became the first state to ban single-use plastic bags at large stores. Today, many other states and big cities have also banned plastic bags.
- 5 Why the ban? Officials say they're trying to cut down on garbage and protect oceans and wildlife. Will other cities and states follow their lead?

Plastic Problems

- 6 Americans use a lot of plastic bags. They use about 100 billion of them each year, according to the U.S. International Trade Commission. Most plastic bags end up in landfills. They get buried with other trash under layers of dirt. Some experts say the bags may take up to 1,000 years to decompose, or break down, in landfills.
- 7 But many plastic bags never make it to landfills. Instead, they become litter on the street. They may wash down sewer drains or blow into rivers and oceans. Once in the water, the bags pose a threat to marine animals. Fish, sea turtles, and seabirds can get caught in the bags. They might even

mistake the bags for food and choke on them.

- 8 All these environmental problems have made plastic bags a target worldwide. At least six countries, including China and Italy, have banned them.
- 9 "The sheer number of plastic bags in the environment means that they're going to have a **detrimental** impact," says Robert Harris. He is the director of the Hawaii chapter of the Sierra Club, an environmental group.

Bag the Ban?

- 10 Many people, however, think plastic bags are getting a bad rap. Phil Rozenski works for Hilex Poly, the largest U.S. plastic-bag manufacturer. He says plastic bags are often reused for other purposes. A survey by the American Chemistry Council showed that 9 out of 10 people reuse plastic bags. They might use the bags to line trash cans, store items, and more. In addition, billions of the bags are recycled each year.
- Rozenski argues that plastic-bag bans may also cost many Americans their jobs. He says that the plastic-bag industry employs 30,000 people.
- 12 "Thirty thousand families are pretty important," he says.

Changing Behavior

- 13 For now, people who live in places where plastic bags have been banned are learning to get along without them.
- 14 Olga Garcia also lives in Austin. She says she now brings reusable bags with her to the grocery store.
- 15 "When the ban first happened, I was upset," she says. "But it feels better now, because I'm not wasting any bags."

Directions: Read the article "A Battle Over Bags." Then answer the questions below.

1. Which of the following points does the author make in this article?

- A. Almost every U.S. state has banned the use of plastic bags.
- **B.** U.S. cities and states aren't the only places in the world trying to stop the problems caused by plastic bags.
- c. No one wants to stop using plastic bags.
- **D.** Every state should make recycling plastic bags a law.

2. Which sentence from the article best supports the answer to question 1?

- A. In addition, billions of the bags are recycled each year. (paragraph 10)
- **B.** A growing number of places in the United States have banned plastic shopping bags. (*paragraph 4*)
- **c.** For now, people who live in places where plastic bags have been banned are learning to get along without them. (*paragraph 13*)
- **D.** At least six countries, including China and Italy, have banned them. (*paragraph 8*)

3. What does the word *detrimental* mean as it is used in paragraph 9?

- A. Harmful
- **B.** Important
- c. Helpful
- **D.** Costly



- **A.** Rozenski argues that plastic-bag bans may also cost many Americans their jobs. (paragraph 11)
- **B.** "The paper bags aren't as sturdy as the plastic ones." (paragraph 2)
- c. Many people, however, think plastic bags are getting a bad rap. (paragraph 10)
- **D.** Once in the water, the bags pose a threat to marine animals. (paragraph 7)

5. How does the section "Bag the Ban?" contribute to the development of ideas in the article?

- A. It presents the point of view of those who think banning plastic bags is not necessary.
- **B.** It describes the effects of plastic bags on the environment.
- c. It makes comparisons between plastic bags and paper bags.
- **D.** It summarizes the reasons people want to ban plastic bags.



Name: _

6. All of the following reasons support the point of view presented in the section "Bag the Ban?" except that _____.

- A. billions of bags are recycled each year
- **B.** plastic bags are reused by most people
- c. the plastic-bag industry makes generous contributions to environmental groups
- **D.** the plastic-bag industry provides jobs to thousands of Americans
- 7. What do you think should be the law regarding plastic bags in your town or city? Explain your opinion, using details from the article to support your answer.



ESL at Home 3-5 Weeks 5-6 Use notebook paper to complete these activities. Do one each day!

Monday	Tuesday	Wednesday	Thursday	Friday
Who is your favorite book or movie character? Write or draw what would happen if you met them in real life.	Look at the food in your home. Create a pretend menu for lunch. Example: Pretzel and jelly sandwich with a side of tuna fish: \$4.67 Chocolate chip scrambled eggs with salsa ice cream: \$5.99	Unscramble these animal names, then draw the animal. caro rwmo cnaotu rumle	Make a t-chart of healthy and unhealthy foods in your home.	Create your own superhero. Draw and label a costume and superpowers. Write about a time the superhero saved someone.
Monday	Tuesday	Wednesday	Thursday	Friday
Use boxes or books to create a ramp. Find five things to roll down the ramp. What rolls the farthest? What rolls the shortest?	Design a plan for your dream neighborhood. Draw and label a map of the homes, streets, and businesses you would have.	Create a commercial for your new neighborhood. Tell what makes it special and why people should move there.	Listen to any song. Write down any similes you hear. Ex: "I came in LIKE a wrecking ball."	Choose two animals, like a horse and an alligator. Imagine what they would look like if they were put together. Draw it, and write about its habitat, predators, and prey.





Celebrating 50th Year Anniversary of Earth Day on April 22, 2020

Earth Day Challenge

Earth Day is an annual event celebrated around the world on April 22 to demonstrate support for environment protection. Earth Day was founded in the United Stated by United State Senator Gaylord Nelson as a "national teach-in on the environment" that was first held on April 22, 1970. On Earth Day, people do things to help the environment. They clean beaches, recycle cans, bottles, and newspapers, donate money to environmental groups, sign petitions, and teach others about the importance of protecting the environment.

What Can You Reduce?

What Can You Reuse?

What Can You Recycle?

Earth Day Pledge



Celebrating 50th Year Anniversary of Earth Day on April 22, 2020

My name is:_____

I promise that I will try to

1.	 	
2.	 	
3.	 	

Some ideas to consider:

- use less water.
- use less electricity.
- spend more time in nature.
- use both sides of paper.
- only buy things that I truly need.
- eat more vegetables.
- use rechargeable batteries.
- grow vegetables in my garden.
- plant a tree.
- recycle and reuse items.