STUDENT FIRST & LAST NAME:		
SCHOOL:	GRADE:	ID# / LUNCH#

Christina School District Assignment Board

Grade Level: 4 Week 10 (6.8.20)

	Day 1	Day 2	Day 3	Day 4	Day 5
ELA	Read From Pet to Threat. How do you think the author feels about pets? Use evidence from the text to support your response.	Read From Pet to Threat again to increase fluency. Answer questions 1-4.	Read From Pet to Threat again to increase fluency. Answer questions 5-8.	Read the Word Study sheet. Use the words to write your own sentences.	Adjectives are words that add information and detail to nouns and pronouns. Circle the adjectives you find in From Pet to Threat.
Math	Reasonable Estimates & Partial Products Please complete the attached activity titled Reasonable Estimates & Partial Products	Variables & Expressions Pages 1 & 2 Please complete the attached activity titled Variables & Expressions Pages 1 and 2.	School Supplies Please complete the attached activity titled School Supplies	Addition & Subtraction Review Please complete the attached activity titled Addition & Subtraction Review	Secret Paths & Multiplication Tables Please complete the attached activity titled Secret Paths & Multiplication Tables.
Science	What Causes Landslides and Mudslides? (part 1): Read article. Highlight and/or underline important details for understanding.	and Mudslides? (part 2): Reread article for fluency. Write your best answers to the following: a) Which of these solutions could be a way to reduce problems from mass wasting? (cover some areas with metal safety nets to prevent rockfalls;	What Causes Landslides and Mudslides? (part 3): Reread article for fluency. Write your best answers to the following: a) Which factors MOST affect mass wasting events (animals; geology; plants; weather). Explain why you think that. b) What factors cause an increase in the energy of a mass wasting event? (a larger amount of rocks and soil in the mass wasting; a	humans prevent landslides? What details from the article support this claim? Think about what you know about erosion, then explain	Big Sur Has Been the Target of Many Natural Disasters Recently: Read article. Highlight and/or underline important details for understanding.

STUDE	STUDENT FIRST & LAST NAME:						
SCHOO)L:	GI	RADE:	ID# / LUNCH#			
		Christina Schoo	ol District Assignm	ent Board			
		landslide areas; test the soil to find weak areas before building). Explain why you think that. b) What do all forms of mass wasting have in common?	faster speed of the rocks and soil in the mass wasting; a greater cost of damage to houses in the mass wasting; a larger number of people in the path of the mass wasting)				
Social Studies	Complete Activity 1 from the document titled, "International Trade Links Countries"	Complete Activity 2 from the document titled, "International Trade Links Countries"	Complete Activity 3 from the document titled, "International Trade Links Countries"	Complete Activity 4, Questions 1, 2, & 3 from the document titled, "International Trade Links Countries"	Complete Activity 4, Questions 4 & 5 from the document titled, "International Trade Links Countries"		

From Pet to Threat

Imported pets become major menaces in the United States.

Back in 2005, a wacky photo made headlines. It looked like a joke, but it was the real deal: A 13-foot Burmese python had burst open after trying to swallow a 6-foot alligator in Everglades National Park in Florida.

Thirty years ago, people never would have seen such a clash of predators (animals that capture and eat other animals). Burmese pythons are native to Asia. But over the last few decades, many pet snakes have escaped or been set free in Florida by owners who were tired of caring for them.

Todd Hardwick rounds up troublesome animals-both native and exotic. He runs Pesky Critters Wildlife Control, a business in southern Florida. At least once a week, Hardwick gets a call to catch a strange animal. Many of those animals started out as somebody's pets.

"When they're no longer the 'in thing,' people let them go, or they escape," Hardwick says.
"For me, it seems like Miami is a large open-air zoo."

Hardwick has wrangled iguanas, lizards, hedgehogs, potbellied pigs, and plenty of pythons. Many imported animals thrive in Florida's tropical weather.

But the introduction of exotic animals into the wild isn't happening only in the South. A species of wild parrot native to Argentina now lives in New York City. Foreign fish have been dumped from aquariums into rivers and lakes across the United States.

Exotic creatures, such as pet tigers, can be dangerous to people. Many foreign animals damage the environment. Pythons, for example, dine on the local wildlife.

Keeping exotic pets isn't bad for just native animals; it's bad for the exotic animals too. Many of these pets are brought illegally from their home countries, to where they may be threatened in the wild.

Pet owners may not realize it, but wild pets are often illegal. About two dozen states ban some kinds of foreign pets. Python imports were banned in 2012. "Obviously," says Hardwick,

"they don't belong here."

Sick Pets, Sick People

Exotic pets can bring exotic diseases into your living room.



Photos.com

Prairie Dogs are cute, but they can carry monkeypox.

In 2003, a creepy-sounding disease popped up in six Midwestern states: monkeypox. The disease usually infects monkeys. But it can also spread to people, causing fever, headache, muscle pain, and blisters on the skin.

Monkeypox is normally found in Africa, halfway around the globe. How did it get to the United States? Pets.

Diseases that jump from animals to humans are called zoonoses (zo-AHN-uh-seez). About 70 people in the Midwest became infected with monkeypox after handling pet prairie dogs. Before those people

bought their pets, the prairie dogs had been stored with a rat from Africa. The prairie dogs probably caught monkeypox from the rat.

The people who caught monkeypox recovered after being treated by doctors. But other zoonoses can be more serious. In some parts of the world, people who have had contact with birds have contracted **bird flu**, a deadly virus. So far, the disease hasn't shown up in the United States. But government officials are still preparing to protect us from new zoonoses.

Name	e: Date:
1. Ac	cording to the passage, where do Burmese pythons originally come from?
,	A. New York City
I	B. Argentina
(C. Florida
	D. Asia
	ased on the passage, which animal was likely the cause of prairie dogs contracting keypox?
,	A. a rat
I	B. a bird
(C. a monkey
	D. a python
3. Aft	ter reading this passage, you can conclude that exotic pets
,	A. are a problem throughout the United States
I	B. are a threat only to alligators
(C. will no longer be brought to the United States
l	D. cause harm mainly in southern Florida
	ead the following sentence from the passage: "Many imported animals thrive in da's tropical weather."
In thi	s sentence, the word thrive means
,	A. do well
ı	B. get cold
(C. sweat
	D. do poorly

A. Foreign pets cause trouble when released into the wild.
B. Monkeypox spread to six Midwestern states in 2003.
C. Burmese pythons have been banned as pets in the United States.
D. Scientists are concerned about the growing cases of bird flu.
8. Monkeypox spread to six Midwestern states in 2003. C. Burmese pythons have been banned as pets in the United States. D. Scientists are concerned about the growing cases of bird flu. But are zoonoses? Give two examples. Add Hardwick runs Pesky Critters Wildlife Control, a business in south Florida that est troublesome animals. In the passage, he says, "For me, it seems like Miami is e open-air zoo." Why do you think he compares Miami to a zoo? But question below is an incomplete sentence. Choose the word that best completes entence. But a question below is an incomplete sentence. Choose the word that best completes entence. But a question below is an incomplete sentence. Choose the word that best completes entence. But a question below is an incomplete sentence. Choose the word that best completes entence. But a question below is an incomplete sentence. Choose the word that best completes entence. But a question below is an incomplete sentence. Choose the word that best completes entence. But a question below is an incomplete sentence. Choose the word that best completes entence. But a question below is an incomplete sentence. Choose the word that best completes entence. But a question below is an incomplete sentence. Choose the word that best completes entence. But a question below is an incomplete sentence. Choose the word that best completes entence. But a question below is an incomplete sentence. Choose the word that best completes entence.
7. Todd Hardwick runs Pesky Critters Wildlife Control, a business in south Florida that catches troublesome animals. In the passage, he says, "For me, it seems like Miami is a large open-air zoo." Why do you think he compares Miami to a zoo?
8. The question below is an incomplete sentence. Choose the word that best completes the sentence.
Releasing exotic pets into the wild, pythons and tigers, can cause a lot of harm.
A. because
B. such as
C. otherwise
D. at last

5. Which statement best supports the main idea of this passage?

Word Study Warm Up (1-2 minutes)

Some words have unusual spelling patterns. The spelling patterns of these words have to be remembered.

money	ceiling	type
league	wonder	receive
guard	magazine	disguise

Fluency sentences (1-2 minutes)

- 1. How much money do I owe you?
- 2. We painted the ceiling.
- 3. Jake likes any type of sport.
- 4. I joined a bowling league.
- 5. I wonder how big a star is.
- 6. She will receive an award.
- 7. My dog is a guard dog.
- 8. I read the magazine article about stars.
- 9. The mask is a disguise.

Reasonable Estimates & Partial Products

Fill in a bubble for each problem to show which of the estimates is bes:..

a	21 × 19	0	400	0	600	0	4,000	0	6,000
b	20 × 31	0	600	0	700	0	6,000	0	7,000
C	33 × 39	0	600	0	800	0	1,000	0	2,000
d	96 × 22	0	180	0	1,000	0	2,000	0	18,000

Use partial products to solve each problem below. Draw lines between the digits to show which numbers you multiplied. The first one has been done as an example.

/	<u> </u>	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	26 × 32	45 × 23
38	26	54
<u>× 15</u>	<u>× 34</u>	× 25



Variables & Expressions page 1 of 2

Sometimes people use letters to represent unspecified amounts. Such letters are called variables. For example, if you worked for \$6 an hour, you would multiply the time you worked by 6 to find out what you earned. If we let t represent the time you worked, we could show the amount of money you earned with this expression.

$$6 \times t$$

When we say, "evaluate the expression when t = 3," we mean, "figure out how much money you would make if you worked for 3 hours." To do this, substitute 3 for t and complete the calculation.

Evaluate the expression $6 \times t$ when:

4 + b when b = 10

4 + 10 = 14

$$t = 2$$

$$t = 4$$

$$t = 5$$

$$t = 8$$

How much money would you make if you worked 15 hours and earned \$6 per hour?

Evaluate the following expressions when each variable has the value shown.

4 + b when $b = 23$	4 + b when b = 103

	i I	1
	1	1
- 3	1	1
- 3	4	1
- 3	4 · · · · · · · · · · · · · · · · · · ·	1
- 1	1	1

$$(3 \times n) - 2$$
 when $n = 2$ $(3 \times n) - 2$ when $n = 4$

$$2 \times (k + 12)$$
 when $k = 7$ $2 \times (k + 12)$ when $k = 10$

(continued on next page)

Variables & Expressions page 2 of 2

Danny is trying to earn money to buy a new bike. His neighbor says he will pay him \$4 per hour to help with yard work. His mom says she will give him a \$10 bill to add to his savings after he helps his neighbor. Which expression shows how much money Danny will make? (The letter h stands for the number of hours Danny will work for his neighbor.)

4 + h + 10

 $4 \times h + 10 \times h$ $4 \times h + 10$

 $14 \times h$

How much money will Danny make if he works for 4 hours with his neighbor? Show all your work.

If Danny wants to earn \$34, how many hours will he have to work? Show all your work.

- CHALLENGE Pick one of the expressions from problem 3 above that does not represent Danny's situation. Describe a situation where the expression you chose would represent how much money Danny would make.
 - a The expression I chose is:
 - 6 This expression would show how much money Danny would make if ...

DATE



School Supplies

- Mr. Wu got 35 boxes of crayons for his fourth graders. Every box had 24 crayons in it. When he got home from the store, he decided to give each of his ov/n 3 children one of the boxes of crayons. How many crayons did he take to his fourth graders?
 - Circle the equation below that best represents this problem. (The letter c stands for crayons.)

$$(35 \times 24) - 3 = 6$$

$$35 \times (24 - 3) = c$$

$$(35 \times 24) - 3 = c$$
 $35 \times (24 - 3) = c$ $(35 - 3) \times 24 = c$ $(35 + 3) \times 24 = c$

$$(35+3)\times 24=c$$

- Use the standard multiplication algorithm or partial products to solve the problem. Show all your work.
- Ms. Penny got 18 packs of felt markers for her fifth graders. Each pack had 36 markers in it. When she got back to her classroom, she put half the packs away. She dumped out the rest of the markers and divided them into 6 equal sets, one for each table. How many markers did each table get?
 - Write an equation to represent this problem.
 - Solve the problem. Show all your work.
- CHALLENGE The office got 15 cartons of envelopes. Each carton had 12 boxes of envelopes in it. Each box had 54 envelopes in it. How many envelopes did they get in all?
 - Write an equation to represent this problem.
 - Use the standard multiplication algorithm or partial products to solve the problem. Show all your work.



Addition & Subtraction Review

1 Use the standard addition algorithm to solve the problems below.

2 Use the standard subtraction algorithm to solve the problems below.

3 Fill in the missing numbers to make each equation true.

$$100 = \underline{\hspace{1cm}} + (30 - 5)$$

$$100 \times 2 \times \underline{\hspace{1cm}} = 1,000$$

$$4 = \underline{\hspace{1cm}} \div (3 \times 2)$$

CHALLENGE

$$18 \times 2 = \underline{\hspace{1cm}} \times 4$$

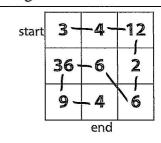
$$90 \div _ = 5 \times 9$$

4 CHALLENGE Fill in the missing digits.



Secret Paths & Multiplication Tables

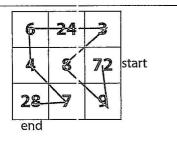
Use multiplication and division to find the secret path through each maze. The starting and ending points are marked for you. You can only move one space up, down, over, or diagonally each time. Write four equations to explain the path through the maze.



$$3 \times 4 = 12$$

 $12 \div 2 = 6$
 $6 \times 6 = 36$
 $36 \div 9 = 4$

start		
42	6	6
7	4	36
3	3	9
end		



Complete the multiplication charts below.

×	2	9	4	7	5	3	6	8
6	12							
×	2	9	4	7	5	3	6	8
7								
×	2	9	4	7	5	3	6	8

CHALLENGE

×	12	18	22	24	36	25	27	35.
5								



What causes landslides and mudslides?

By National Geographic, adapted by Newsela staff on 01.12.18 Word Count **611** Level **740L**



Image 1. A photo from above showing the massive landslide that happened in northwest Washington state, near Oso, in 2014. Photo by: Jonathan Godt/U.S. Geological Survey.

Dirt and mud might not seem very dangerous. But if a large amount of dirt is moving, it can cause serious damage. Landslides happen when masses of rocks or earth move down the side of a mountain or cliff. They can have many causes, like rain, earthquakes or volcanoes.

Scientists call landslides a type of mass wasting. Mass wasting is any downward movement that wears away at the surface of Earth. Another type of mass wasting is a mudslide. Mudslides move very quickly.

Landslides can be very dangerous. They cause around 25 to 50 deaths every year. They can also destroy houses and other buildings. The damage they cause in the United States costs \$3.5 billion every year.

What Causes Landslides?

Landslides have three major causes: geology, morphology and human activity.

Geology means what the earth is like. The earth or rock might be weak or damaged. It might also be made up of different layers stacked on each other. Some layers might be weaker than others.

Morphology means the structure of the land. For example, slopes that lose their trees because of a fire are more likely to have landslides. Plant roots hold the soil in place. Without the roots of trees, bushes and other plants, the land is more likely to fall



apart. Sometimes landslides are also caused by erosion. One type of erosion is when the earth is weakened by water.

Landslides are also affected by human activities. Sometimes humans are responsible for deforestation. This means clearing away a forest. When the forest is cleared, humans can use the land for farming or building. But without the tree roots, the land becomes weaker.

Types Of Landslides

Landslides can move in various ways. One type of movement is falling and toppling, which is when blocks of dirt or rock fall from a very steep slope. Rock boulders tumbling down a slope are one example. This is called a rockslide.

Another type of movement is a translational slide. This is when part of the ground is weaker than the earth underneath it. Earthquakes might shake the earth at the top and make it slide down.



A lateral spread is when the earth moves laterally, or sideways. This happens when a powerful force makes the ground move quickly. An earthquake is a powerful force that can cause this.

Landslide Material

A landslide can be made of different materials, like rock, soil, plants or water. A landslide caused by a volcano can also contain hot ash and lava. A landslide high in the mountains may have snow.

Landslides caused by volcanoes are called lahars. They are one of the most damaging types of landslides. The largest landslide that was recorded happened in 1980. It happened after the volcano called St. Helens erupted in the state of Washington.

Other Factors

Landslides can also be described based on their speed. Some landslides move very quickly, while others move very slowly. This can depend on the amount of water, ice or air in the earth. Some landslides include toxic gases that came out of volcanoes from deep inside Earth. Mudslides move quickly because they have a high amount of water. Some landslides are more complicated and have different types of material or movements.





Big Sur has been the target of many natural disasters recently

By Associated Press, adapted by Newsela staff on 05.26.17 Word Count **426**

Level 580L



This aerial photo taken May 22, 2017, shows a massive landslide along California's coastal Highway 1 that buried the road under a 40-foot layer of rock and dirt. A swath of the hillside gave way in an area called Mud Creek on May 20, covering about one-third of a mile of road and changing the Big Sur coastline. Photo by: John Madonna via AP

Highway 1 is a road along the California coast. It runs for hundreds of miles near the Pacific Ocean. It is famous for its beauty. Many people drive on the road for its views of the coast.

One place along Highway 1 is especially famous. It is called Big Sur.

This past weekend, disaster struck. Part of the highway in Big Sur got covered in rocks. It was hit by a landslide. Loads of dirt fell into the ocean below.

Many natural disasters have hit this area recently. Big Sur's businesses are losing money. They depend on money from tourists who come visit the area.

Area Is Not Safe For Workers Yet

The slide happened in an area called Mud Creek. Rain from the winter soaked into the dirt on the cliffs above Highway 1. It caused the rocks to fall.

The landslide covered about one-fourth of a mile on Highway 1. The stretch is nearly the length of four football fields. Government officials are not sure when it might open again. The area is still unsafe, said Susana Cruz. She works for the California Department of Transportation.

Scientists and engineers are going to check out the area this week. Repairs cannot begin until it is safe for workers to be there.

It is the largest landslide Cruz knows of in the state's history. "It's one of a kind," she said.

Landslides And Floods Caused A Lot Of Damage

For five years, California was in a drought. There was very little rain. This past winter, the drought ended. The end of the drought was good for many people, such as farmers. However, it also caused flooding and many landslides. Cliffs and rocks are wearing away faster than before. Roads are damaged.

Big Sur has huge redwood trees and beaches. Many people go hiking or camping there.

This winter has been hard for Big Sur, said Colin Jones. He also works in the Department of Transportation. Landslides have ruined bridges and highways. Some resorts have closed. Others used helicopters to fly in guests and supplies.

Trying To Stay Positive

Last year, a wildfire burned in California's Los Padres National Forest. Thousands of visitors could not go to the state parks around Big Sur. As a result, businesses there lost money.

Kurt Mayer owns a restaurant called Big Sur Tap House. He loves living in Big Sur. He said he would not want to live anywhere else, even though it can be a challenge.

"We're all going to make it, I'm pretty sure," he said.

International Trade Links Countries

Social Studies Home Learning Activities

Standard Benchmark	Economic Standard 4a: Students will demonstrate how international trade links countries around the world and can improve the economic welfare of nations.
Grade Band	4-5
Vocabulary/Key Concepts	Interdependence: When people or countries depend on other people or countries to get the things they want. Trade: The exchange of goods and services for money or for other goods and services.

[~]This lesson was developed by the University of Delaware's Center for Economic Education and Entrepreneurship - modified by CSD for use at home~

Activity 1: Where Was It Made?

How does trade link countries around the world? Let's see how you are connected to countries throughout the world by trade.

Fill in the table below listing items in your home such as clothes, shoes, electronic devices, food, watches, picture frames, towels, etc. Try to find items not made in the United States. For each item list the country where it was made.

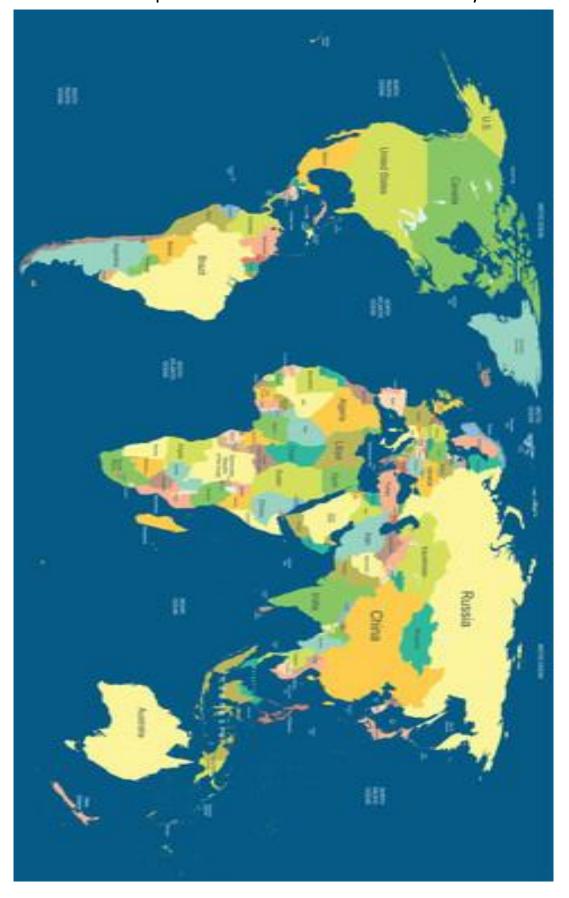


Household or Clothing Item	Country Where It Was Produced



Activity 2: Look at the world map. Put an "x" on the countries where your items

are produced.





Activity 3:

	the information from your list of household and clothing items and the map to er these questions.
1.	How many different countries are on your list?
2.	How does international trade affect you?
3.	How does international trade link you to countries around the world?
4.	Look at your map. Do your clothes or household goods come from a certain area of the world? If so what are the goods and where are they produced?



Activity 4

Ford Motor Company is the second-largest U.S. auto manufacturer. Many of its cars are assembled in the United States. But, are they truly made in America cars?

Here is where some of Ford's parts suppliers are located and what they supply.

Country	Parts
Canada	Door hinges and arms
Japan	Suspension stabilizer linkages
Hungary	Steering columns
Poland	Starter assemblies
Germany	Sliding sunroofs
China	Instrument panel components
United States	Axle assemblies
China, France, UK, Mexico	Transmissions
Spain	Airbags

https://www.investopedia.com/ask/answers/052715/who-are-fords-f-main-suppliers.asp

1.	According to the table above, how many different countries sell parts to Ford for the production of Ford vehicles?
2.	How does the production of Ford vehicles link the U.S. to countries around the world?



3.	How is international trade helpful to the Ford Motor Company?
4.	Pick three countries that sell parts to Ford. What if they decided not to sell to Ford. How would this affect the production of Ford vehicles?
5.	How can international trade not be helpful? Use examples from the previous activities.