



Compton USD Learning Packet #7

Sixth Grade

Name _____

6th Grade Learning Packet

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Week 8

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	4) ELD - Vocabulary Development (DECISION)	
2	1) ELA - Language Spiral #7-10	
	2) Go Math 13.2 Practice and Problem Solving: D	
	3) Science - Define on paper: <i>ecosystem</i> , and <i>producers</i>	
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5	1) VAPA: Famous Art Recreation	
	2) Go Math 13.2 Reading Strategies: Follow a Procedure	
	3) Science - Answer question on paper, "Why are plants important sources of energy for an ecosystem?"	
	4)ELD -Complete Write About an Experience Writing Prompt	

1. Choose the word or phrase that best completes the sentence.

Since Tom and _____ missed the test because of a track meet, Mr. Evans will let us take it on Thursday after school.

- A. I
- B. her
- C. him
- D. me

L.6.1.A

2. Which sentence contains an intensive pronoun?

- A. It's every man for himself around here.
- B. I bought myself a birthday present this year.
- C. Rose has given herself a makeover this weekend.
- D. Your mother baked those cookies herself, so eat up.

L.6.1.B

3. Choose the sentence in which the underlined pronoun is correct.

- A. Some of the bread had mold on their bottom.
- B. One of the coaches left their clipboard on the bus.
- C. One of the girls brought her pictures from the trip.
- D. Most of the players placed his pads on top of the cart.

L.6.1.C

4. Which sentence has a pronoun-antecedent error?

- A. All of the football team hit the streets, determined to raise as much money as possible for the fundraiser.
- B. Students claim that some of the teachers' classes were too hard and that they frequently fail his quizzes.
- C. Neither Margaret nor the Gomez sisters was able to convince her manager to cancel the upcoming concert tour.
- D. If any student wants to attend the free ballet performance, then they need to sign up with Mrs. Hall before the end of the week.

L.6.1.D

5. Which sentence is written using formal language?

- A. My bad, I thought you called my name.
- B. Tonya is driving me up the wall with her stories.
- C. I ain't got no way to get to the dance on Saturday.
- D. The comments she made during the interview were quite offensive.

L.6.1.E

6. Which sentence correctly uses a dash for punctuation?

- A. I—eventually found it in my car.
- B. I eventually found it in my—car.
- C. I eventually found it in—my car.
- D. I eventually found it—in my car.

L.6.2.A

Pronouns

Pronouns

Pronouns

Pronouns

Language Variations

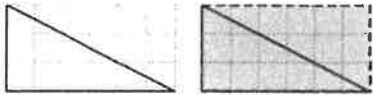
Punctuation

LESSON
13-2

Area of Triangles

Reteach

To find the area of a triangle, first turn your triangle into a rectangle.



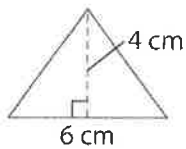
Next, find the area of the rectangle. $6 \cdot 3 = 18$ square units

The triangle is half the area of the formed rectangle or $A = \frac{1}{2}bh$, so divide the product by 2.

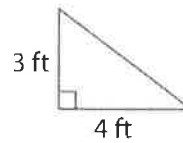
$18 \div 2 = 9$ So, the area of the triangle is 9 square units.

Find the area of each triangle.

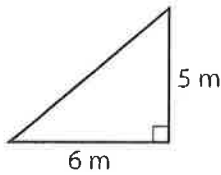
1.



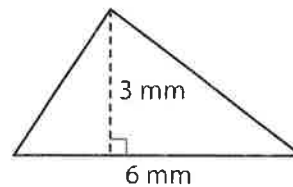
2.



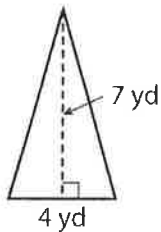
3.



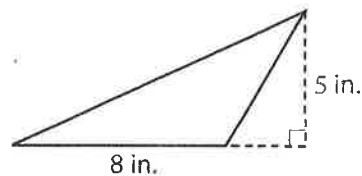
4.



5.



6.



7. Choose the correct spelling of the missing word in the sentence below.

My flashlight has one red battery and three blue _____.

- A. bateries
- B. baterys
- C. batterees
- D. batteries

L.6.2.B

8. Which choice contains two simple sentences?

- A. My friends and I love going to the movies. Last week, we saw a science fiction film.
- B. My friends and I love going to the movies; last week, we saw a science fiction film.
- C. My friends and I love going to movies, and we go every weekend. Last week, we saw a science fiction film.
- D. My friends and I love going to the movies. Last week, we saw a science fiction film, and we talked about it afterwards.

L.6.3.A

9. Read the following passage.

Recently, some American high schools have stopped buying textbooks for students and instead have opted for e-readers. Part of the reason why textbooks have become less popular is due to their great expense, but there are also other more down-to-earth reasons such as backpacks that weigh up to forty pounds. It is true that e-readers can be even more expensive than one textbook, but one e-reader can hold more than 100 textbooks' contents.

Which sentence would fit the style and tone of the paragraph above?

- A. So I say, YES--let's get up, get going, and buy some e-readers today!
- B. Unless you're a fool, you want to change from textbooks to e-readers for sure.
- C. E-readers are a heckuva lot more fun than reading an old book--that's for sure!
- D. As technology becomes more important in our world, education must learn to keep up with new trends.

L.6.3.B

10. Read the short passage below.

Paul seemed very mature compared to the kids who lived in our neighborhood. I was in awe of his courteous demeanor, and I let him know how courageous I thought he was.

According to the passage a *demeanor* is a

- A. crime.
- B. personality.
- C. stagger.
- D. temperature.

L.6.4.A

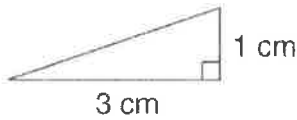
LESSON
13-2

Area of Triangles

Practice and Problem Solving: D

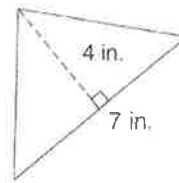
Find the area of each triangle. The first one is done for you.

1.

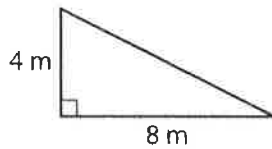


$$A = \frac{1}{2} \cdot 3 \cdot 1 = 1.5 \text{ cm}^2$$

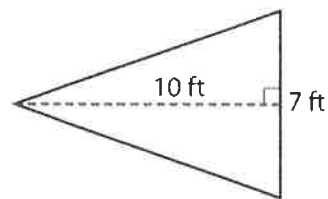
2.



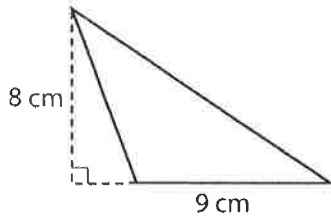
3.



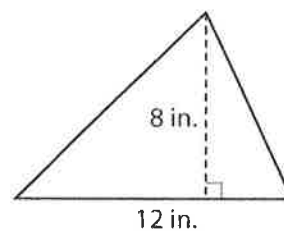
4.



5.



6.



Solve each problem. The first one is done for you.

7. A triangular-shaped rug has a base of 8 feet and a height of 7 feet. What is the area of the rug?

$$A = \frac{1}{2} \cdot 8 \cdot 7 = 28 \text{ ft}^2$$

8. The sail on a sailboat is in the shape of a triangle that has a base of 12 feet and a height of 14 feet. What is the area of the sail?
-

9. The front view of a square pyramid is in the shape of a triangle that has a base of 30 yards and a height of 40 yards. What is the area of the front view of the square pyramid?
-

11. Read the short passage below.

To prevent other passengers from becoming ill, the sanitation department needed to clean and disinfect all of the city's buses.

Which word or phrase means the same as the underlined word in the passage?

- A. cleanse
- B. contaminate
- C. dirty
- D. pollute

L.6.4.B

12.

en·nui [ahn-wee, ahn-wee; Fr. ahn-nwee]
 n. a feeling of utter weariness and discontent resulting from satiety or lack of interest; boredom: The endless lecture produced an unbearable ennui.

According to this dictionary definition, what part of speech is the word *ennui*?

- A. adjective
- B. adverb
- C. noun
- D. pronoun

L.6.4.C

13. What guide words would you look between to find the definition of the word below?

FLAG

- A. field - firefighter
- B. fireplace - flame
- C. flashlight - flower
- D. flute - football

L.6.4.D

14. Read the passage below.

The miller's wife had waited long,
 The tea was cold, the fire was dead;
 And there might yet be nothing wrong
 In how he went and what he said:

Which stylistic or literary device does the author use in these lines?

- A. assonance
- B. end rhyme
- C. alliteration
- D. internal rhyme

L.6.5.A

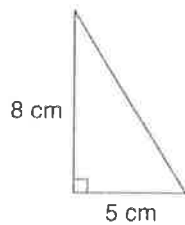
LESSON
13-2

Area of Triangles

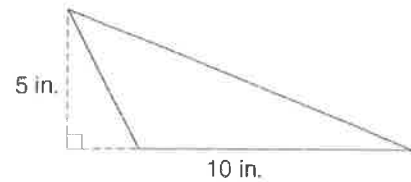
Practice and Problem Solving: A/B

Find the area of each triangle.

1.



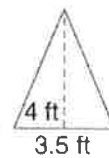
2.



3.

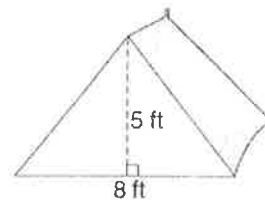


4.



Solve.

5. The front part of a tent is 8 feet long and 5 feet tall. What is the area of the front part of the tent?



6. Kathy is playing a board game. The game pieces are each in the shape of a triangle. Each triangle has a base of 1.5 inches and a height of 2 inches. What is the area of a game piece?

7. A triangular-shaped window has a base of 3 feet and a height of 4 feet. What is the area of the window?

8. Landon has a triangular piece of paper. The base of the paper is $6\frac{1}{2}$ inches. The height of the paper is 8 inches. What is the area of the piece of paper?

15. Which word is most commonly associated with the word *core*?

- A. apple
- B. fold
- C. fracture
- D. mantel

L.6.5.B

16. Read the following passage.

Emma has written this short, introductory letter to send to the person who hires at Buy Better Computers.

Dear Sir:

My name is Emma Smith. I am applying for the sales clerk position. I have worked in a similar job for 3 years at Buy Right. My work there included selling inventory and handling customer complaints.

If you are interested in talking to me, give me a call at 555-1234.

Thanks for your consideration.

Respectfully,

Emma Smith

How can the underlined sentence in the letter be revised so that it fits the tone of Emma's request?

- A. Hit me up at 555-1234.
- B. I can be reached at 555-1234.
- C. I'll be waiting for your call at 555-1234.
- D. I hope to hear the phone ring at 555-1234.

L.6.5.C

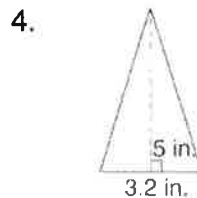
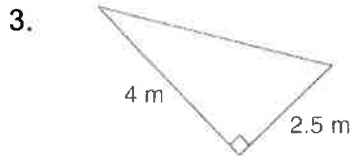
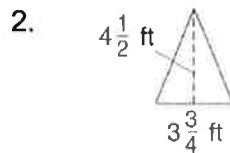
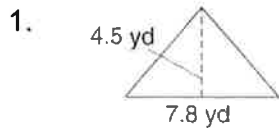
17. A narrative or record of events based on personal experience is a...

- A. memoir
- B. bibliography
- C. biography
- D. narrative

L.6.6*

LESSON
13-2**Area of Triangles****Practice and Problem Solving: C**

Find the area of each triangle.

**Solve.**

5. If you wanted to find the total area of the triangles in Exercises 1, 2, and 4, what could you do?

6. A scale model of a street sign is in the shape of a triangle. The base is 4.25 centimeters and the height is 8.8 centimeters. What is the area of the street sign?

7. Rachel's earrings are in the shape of a triangle. The height of the earrings is $1\frac{1}{2}$ inches and the base is $\frac{3}{5}$ inch. What is the area of both of Rachel's earrings?

8. The face of a watch is in the shape of a triangle with a base of 6 centimeters and a height of 7.75 centimeters. What is the area of the face of the watch?

9. A flag in the shape of a triangle has an area of 25.2 square inches. The base of the flag is 6 inches. What is the height of the flag?

Assignment Title: Famous Art Recreation

Student Instructions

Famous Art Recreation

Find a famous painting. Recreate that painting at home, using objects that you have around. You may be in the painting, or even use a pet, your family members, etc.

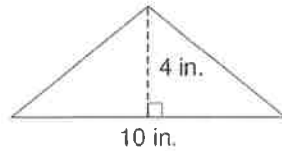
Upload both the original and your recreation for side by side comparison

Helpful Information: the "layout" app will help you put two images side by side, "Terrible Art Found in Charity Shops" Facebook group has tons of examples of people doing this, a Google search of "Famous Art Recreation Challenge" will give you lots of examples too



LESSON
13-2**Area of Triangles****Reading Strategies: Follow a Procedure**

You can follow a procedure to help you find the area of a triangle.



Step 1: Use the formula $A = \frac{1}{2}bh$.

Step 2: Substitute the length of the base for b .

Step 3: Substitute the length of the height for h .

Step 4: Multiply.

Answer each question.

1. What is the first step in finding the area of the triangle?

2. What are the second and third steps in finding the area of the triangle?

3. What is the area of the triangle?

4. What is the area of a triangle with base 18 meters and height 6 meters?

5. What is the area of a triangle with base 3.6 feet and height 2.5 feet?

6. How would you vary this procedure if you were given the area and base of a triangle and asked to find its height?

Lesson 25

WHAT IS THE ROLE OF PLANTS IN ECOSYSTEMS?

THE BIG IDEA

- Photosynthesis drives the flow of matter and energy in ecosystems.

WHAT I NEED TO KNOW

Before soccer practice, a student eats an apple for a quick burst of energy. How is an apple responsible for the students' performance in practice?

An ecosystem is a community of organisms and its nonliving environment. Energy and matter flow through an ecosystem in a set pattern. Energy first passes through producers, organisms that are able to produce their own food usually by using energy from sunlight to make sugars.

Then energy passes through consumers, organisms that eat other organisms for energy. There are several different types of consumers. Herbivores, such as mice, are consumers that get their energy directly from producers. Herbivores eat only plants. Carnivores get energy from eating other consumers. Hawks and wolves are carnivores. They eat other animals. Omnivores, including human beings, consume both producers and consumers.

Finally, energy passes to decomposers. A decomposer is an organism that gets energy by breaking down the remains of dead organisms or organic wastes and consuming or absorbing nutrients. Most decomposers are bacteria and fungi. Decomposers are important to ecosystems because they recycle nutrients back into the environment. The chemical energy and nutrients that are stored in the bodies of producers and consumers return to the environment when decomposers break down their bodies. If you have ever observed compost forming in a compost bin, you have seen what decomposers can do to once-living things.

WORDS TO KNOW

ecosystem

producer

consumer

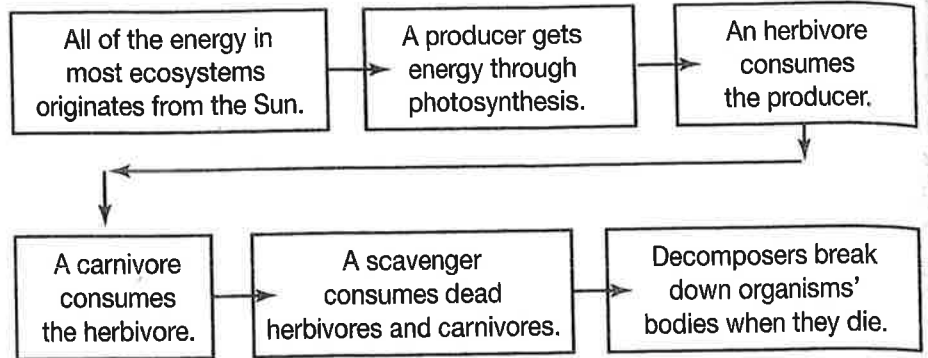
decomposer

chlorophyll

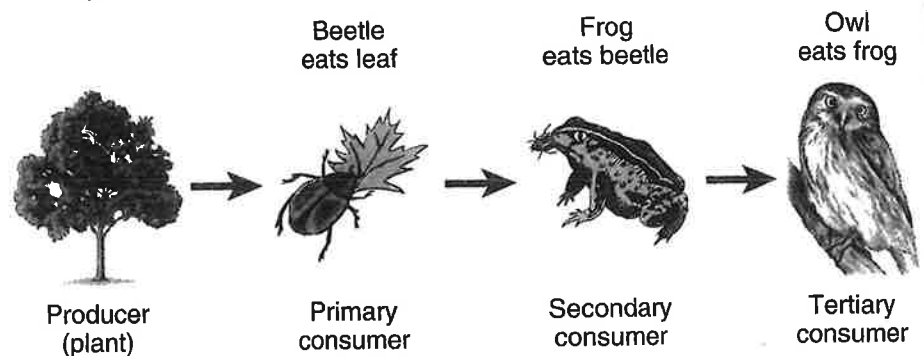
photosynthesis

← THINK ABOUT IT

How do animals and plants get energy?



Energy typically flows through an ecosystem in one direction from producers to consumers to decomposers. This path of the flow of energy through an ecosystem is called a *food chain*. A food chain shows how energy flows from one organism to the next.



▶ TURN AND TALK

Why are plants important sources of energy for an ecosystem? How do humans fit into ecosystems?

All food chains begin with producers such as plants, algae, and other microorganisms. This is because producers are the only organisms that can obtain energy from the environment. These organisms have a substance called *chlorophyll*. Chlorophyll is a green material in plant cells that traps the energy in sunlight. Plant cells need this energy for the process of *photosynthesis*. Photosynthesis is the process by which plants use the energy in sunlight plus water and carbon dioxide to produce their own food. In this process, producers make sugars that serve as energy for themselves to store for later use. The sugars also serve as food for consumers.

Photosynthesis also results in another very important substance: *oxygen*. Photosynthetic organisms release oxygen into the air. This process is the main source of oxygen in the atmosphere. Most cells, including those in plants and animals, use oxygen to release the energy stored in food.

from **It Worked
for Me:**
In LIFE and LEADERSHIP

Memoir by Colin Powell

from **Colin
Powell:**
MILITARY LEADER

Biography by Warren Brown

Directions: Use the example provided for the word “**DECISION**” to complete the graphic organizer for the other 3 vocabulary words.

DECISION		OUTCOME	
DEFINITION A conclusion or resolution reached consideration	SYNONYM Choice	DEFINITION	SYNONYM
RELATED FORMS Decide, Decisive	SAMPLE SENTENCE We need to make a <i>decision</i> about who will present our project to the teacher.	RELATED FORMS	SAMPLE SENTENCE

RESOLVE		SIGNIFICANT	
DEFINITION	SYNONYM	DEFINITION	SYNONYM
RELATED FORMS	SAMPLE SENTENCE	RELATED FORMS	SAMPLE SENTENCE

DAYS 2 and DAY 3

Assignment Title: Decisions That Matter

Genre: Narrative Writing (Write about a Personal Experience)

Instructions:

Write a 3-5 paragraph essay about a decision you made and why it was important. The essay should consist of a short description of a significant decision and an explanation of why the decision mattered. You are to include details in your compositions that express the significance of the decision.

Day 2: Pre-Writing

STEP 1: COMPLETE THE GRAPHIC ORGANIZER

What was the decision?	
What words would describe the decision?	
Why was it important?	

STEP 2: REVIEW THE RUBRIC



CUSD Learning Packet #7

**Sixth Grade
Answer Key**



6th Grade Language Spirals Answer Key

Item #	Spiral 3	Spiral 4	Spiral 5
1	C	D	A
2	C	B	D
3	D	B	C
4	A	A	A
5	B	A	D
6	C	C	D
7	A	B	D
8	A	B	A
9	D	D	D
10	A	D	B
11	D	A	A
12	C	D	C
13	A	B	B
14	B	D	B
15	A	A	A
16	B	A	B
17	A	B	A

UNIT 6: Relationships in Geometry

MODULE 13 Areas and Polygons

LESSON 13-1

Practice and Problem Solving: A/B

1. 288 ft^2
2. 45 m^2
3. 34 in^2
4. 8 ft^2
5. 27 cm^2
6. 108 in^2
7. $1,200 \text{ in}^2$
8. 84 cm^2
9. 240 ft^2

Practice and Problem Solving: C

1. 38 m^2
2. 60.2 in^2
3. 47.6 cm^2
4. 144 ft^2
5. 26 in^2
6. 36.75 ft^2
7. 0.56 yd^2
8. 686 cm^2

Practice and Problem Solving: D

1. 60 m^2
2. 32 in^2
3. 39 cm^2
4. 30 yd^2
5. 40 ft^2
6. 27 cm^2
7. $4,500 \text{ cm}^2$
8. 75 in^2
9. 25 yd^2

Reteach

1. 96 m^2
2. 48 ft^2

3. 12 yd^2
4. 27.5 m^2

Reading Strategies

1. Use the formula $A = bh$.
2. Substitute 10 for b ; Substitute 4 for h .
3. 40 cm^2
4. Use the formula $\frac{1}{2}h(b_1 + b_2)$.
5. Substitute 4 for h , 6 for b_1 , and 8 for b_2 . Add the lengths of the bases.
6. 28 in^2

Success for English Learners

1. No, the lengths of the bases get added together before any other operation is completed. The order in which you add the lengths of the bases will not change the sum of the bases.
2. Separate the trapezoid into two triangles and a rectangle. Find the area of each part and add the areas together.
3. 26 cm^2

LESSON 13-2

Practice and Problem Solving: A/B

1. 20 cm^2
2. 25 in^2
3. 50 yd^2
4. 7 ft^2
5. 20 ft^2
6. 1.5 in^2
7. 6 ft^2
8. 26 in^2

Practice and Problem Solving: C

1. 17.55 yd^2
2. $8\frac{7}{16} \text{ ft}^2$
3. 5 m^2
4. 8 in^2

5. You could change all the areas to one unit, say square inches, by multiplying square yards by 36×36 and square feet by 12×12 . Then you could add the areas.

6. 18.7 cm^2

7. $\frac{9}{10} \text{ in}^2$

8. 23.25 cm^2

9. 8.4 in .

Practice and Problem Solving: D

1. 1.5 cm^2

2. 14 in^2

3. 16 m^2

4. 35 ft^2

5. 36 cm^2

6. 48 in^2

7. 28 ft^2

8. 84 ft^2

9. 600 yd^2

Reteach

1. 12 cm^2

2. 6 ft^2

3. 15 m^2

4. 9 mm^2

5. 14 yd^2

6. 20 in^2

Reading Strategies

1. Use the formula $A = \frac{1}{2}bh$.

2. Substitute 10 for b ; Substitute 4 for h .

3. 20 in^2

4. 54 m^2

5. 4.5 ft^2

6. Use the same formula but substitute for area and base in the second and third steps. Then solve for the height.

Success for English Learners

1. No, as long as both sides (base and height) meet at a right angle.

2. Because of the Associative Property of Multiplication

3. 16 ft^2

LESSON 13-3

Practice and Problem Solving: A/B

1. $600 = \frac{1}{2}b(20)$; The base is 60 ft.

2. $1,224 = \frac{1}{2}h\left(70\frac{1}{2} + 65\frac{1}{2}\right)$; The height of the countertop is 18 in.

3. The width of the tabletop 3 ft.

4. The base is 30 cm.

5. The width of the door is 9 ft.

Practice and Problem Solving: C

1. 56 front frames

2. \$77.97

3. 20 cm and 5 cm

4. 225 yd

5. 120 triangular pieces

Practice and Problem Solving: D

1. 5 in.

2. $525 = \frac{1}{2}h(30 + 40)$; 15 ft

3. 14 in.

4. 20 in.

5. 5 cm

6. 3 ft

Reteach

1. 10 m

2. 18 cm

3. 8 in.

4. 2 yd

5. 8 mm

Reading Strategies

1. 5 in.

2. 6 cm

Success for English Learners

1. Write the formula for the area of the figure.

2. Substitute in known variables and solve for the missing variable.

Directions: Use the example provided for the word **“DECISION”** to complete the graphic organizer for the other 3 vocabulary words.

DECISION		OUTCOME	
DEFINITION A conclusion or resolution reached consideration	SYNONYM Choice	DEFINITION ANSWERS WILL VARY	SYNONYM ANSWERS WILL VARY
RELATED FORMS Decide, Decisive	SAMPLE SENTENCE We need to make a decision about who will present our project to the teacher.	RELATED FORMS ANSWERS WILL VARY	SAMPLE SENTENCE ANSWERS WILL VARY

RESOLVE		SIGNIFICANT	
DEFINITION ANSWERS WILL VARY	SYNONYM ANSWERS WILL VARY	DEFINITION ANSWERS WILL VARY	SYNONYM ANSWERS WILL VARY
RELATED FORMS ANSWERS WILL VARY	SAMPLE SENTENCE ANSWERS WILL VARY	RELATED FORMS ANSWERS WILL VARY	SAMPLE SENTENCE ANSWERS WILL VARY

WRITING Write About an Experience

In this task type, students write about a familiar topic, such as a memorable classroom activity or event, based on their own personal experience.

Aligned 2012 ELD Standards: PI.C.10, PII.B.3, PII.B.4, PII.B.5, PII.C.6

Rubric

Score	Descriptors
4	<ul style="list-style-type: none">• The response provides a description of the experience named in the prompt using well-developed descriptions, details, and/or examples.• The response is readily coherent.• Grammar and word choice are varied and generally effective. Minor errors do not impede meaning.• Minor errors in spelling and punctuation may be present, but they do not impede meaning.• The response includes a paragraph of at least three sentences.
3	<ul style="list-style-type: none">• The response provides a description of an experience relevant to the prompt using some descriptions, details, or examples.• The response is generally coherent.• Errors and limitations in grammar and word choice may impede meaning in some sentences.• Errors in spelling and punctuation may impede meaning at times.• The response includes at least two sentences.
2	<ul style="list-style-type: none">• The response provides a description of an experience relevant to the prompt using some descriptions, details, or examples, but is not complete.• The response is somewhat coherent.• Errors and limitations in grammar and word choice impede the overall meaning.• Errors in spelling and punctuation frequently impede meaning.• The response includes at least one sentence.
1	<ul style="list-style-type: none">• The response may provide a limited description of the experience named in the prompt and/or conveys little relevant information.• The response lacks coherence. It may consist of isolated words or phrases.• Frequent errors and/or severe limitations in grammar and word choice prevent expression of ideas.
0	<ul style="list-style-type: none">• Response contains no English, does not relate to the prompt, or includes only "I don't know."