

## Middle Grades Lesson 5

### Travelers

Lets get started! Before you begin please refer to the Tutoring & Mentoring sheet in your mentee's folder.

Please remember to complete the Theme Goal Sheet on a daily basis.

#### Journal

Use the "April Quickwrite Topic" sheet to write a brief story about your day.

Always encourage correct spelling, capitalization, punctuation, and sentence structure.

#### Activity 1

In "Middle School Expository" your mentee chose a prompt and answer the question in an essay or paragraph format. This activity corresponds with goals F in the Language Arts & Reading section on your students Theme Goal sheet.

#### Activity 2

Have your mentee read "Canada" then respond to the following questions. This activity corresponds with goal E & F in the Language Arts & Reading section on your students Theme Goal sheet.

#### Activity 3

In "Unit Rate" your student must solve the word problems to find the unit rate.

Hint: example of unit rate is miles per hour or m/h. This activity corresponds with goal C in the Mathematics section on your students Theme Goal sheet.

#### Activity 4

In "Geometric Shapes with Given Conditions" your student must match the correct answer to each word problem. This activity corresponds with goals K in the Mathematics section on your students Theme Goal sheet.



# April Quickwrite Topics

<b>The Greatest Invention</b>	<b>A Visitor from Outer Space</b>	<b>It's Raining Cats and Dogs</b>	<b>The Griblix</b>	<b>Yuk!</b>
<b>My Favorite Toy</b>	<b>Cute, Cuddly Cats</b> Write a story with "c" words.	<b>I would like to meet...</b>	<b>Alone in the House</b>	<b>Dirt</b>
<b>Things I Think About at Night</b>	<b>If I Were President of the U.S.A.</b>	<b>I Couldn't Believe My Eyes</b>	<b>List "wet" words. Write sentences with them.</b>	<b>Fire!</b>
<b>Spaghetti</b>	<b>Floating on a Cloud</b>	<b>What I Like About Me</b>	<b>Now That's Funny!</b>	<b>My Home</b>
<b>What If Money Grew on Trees</b>	<b>My Grandfather</b>	<b>Ten Excuses for Not Doing My Homework</b>	<b>Why is the sky blue?</b>	<b>How to Ride a Bike</b>

## **Middle School Expository/Informative Prompts**

1. Imagine that you could give advice to someone—it could be someone you know personally, a historical figure, or a famous person living today. Write an essay that identifies the person and the advice you would give. Choose a familiar subject so that you can provide details and elaboration that explain why this person needs your advice.
2. In an essay, explain how disappointments can have a good side.
3. Write an essay explaining why someone you care about is important to you.
4. "Dress for success" is a phrase all of us have heard before, but it means something different to each person. Write an essay explaining what "dress for success" means to you.
5. Write an essay to explain why honesty is important in a friendship.
6. Through the years new inventions have changed the way we live. Think about one invention that has had an impact on the way you live. Now write to explain to your teacher how this invention has changed your life.
7. Write an essay explaining how you changed when you entered middle school.
8. The amount of graffiti has greatly increased at your school. The members of the school board must find ways to stop the graffiti. Write a composition in which you fully explain the solution the school board could use to solve this problem.
9. There are both good things and bad things about playing on a team, such as the school soccer team or the school volleyball team. Write a composition for your teacher in which you explain both what is good and what is bad about playing on a school team. Be sure to explain each point fully.
10. A role model is a person you look up to. Before you begin writing, think about someone you look up to. Why do you admire this person? Write a composition in which you explain to your classmates whom you admire and why you admire this person.

## Canada

Canada is the largest country in North America and the second-largest country in the world. Canada borders the Atlantic Ocean in the east. The Pacific Ocean forms the country's western border. To the north, Canada borders the Arctic Ocean.

Eastern Canada borders the Atlantic Ocean. Nova Scotia, Prince Edward Island, and New Brunswick are called the Maritime provinces. The Atlantic provinces used to be part of the Appalachian Mountains. Over time, the area wore down, but even so, many parts are rocky and hilly. The coastline has tall cliffs, inlets, and coves. Some places also have fjords, which are a type of inlet. Inland, there are forests, farms, and swamps, which are areas of wet, spongy ground.

The Saint Lawrence Lowlands make up much of the southern area of central Canada. A lowland is a region of low, flat land. The Saint Lawrence River flows through parts of the lowlands.

The southern area of central Canada borders the shores of four Great Lakes—Lake Ontario, Lake Erie, Lake Huron, and Lake Superior—which were all formed by melting glaciers. The water from Lake Ontario flows into the Saint Lawrence River.

The northern part of central Canada is part of the Canadian Shield, which is a vast rock base. It is



made up of some of Earth's oldest rocks. The shield lies under almost half of Canada and has greatly affected the landscape of

the country.

Western Canada includes wide-open prairies. Prairies are mostly flat, but they do have hills in some areas. The climate in the prairies is extreme. Winters are very cold and windy, and summers are very hot.

Forested wilderness stretches north of the prairies. Water covers almost one-sixth of this region. The biggest lake is Lake Winnipeg. It is 266 miles (428 kilometers) long.

The dry, grassy plains of the prairies gradually slope up to the west. They end about 2,000 feet (610 meters) above sea level. Then the Rocky Mountains rise abruptly above the plains. The Coast Range, covered in glaciers, lies still farther west. Between the two ranges are high, dry valleys.

Western coastal areas have Canada's wettest and mildest climate.

Much of far northern Canada is icy wilderness. Glaciers covered this land only 10,000 years ago. The area has the coldest temperatures and harshest landscape in Canada. Much of the north is tundra—too cold for trees.

Not all of the north is treeless and flat. Parts of the northwest are covered by huge mountains. Birch and spruce trees fill the large valleys.

Name \_\_\_\_\_ Date \_\_\_\_\_

Use what you read in the passage to answer the questions.

1. What is the largest country in North America?

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2. Name the four “Great Lakes” that have a border in Canada.

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3. Which oceans does Canada border?

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4. What is the Canadian shield made of?

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5. What are fjords?

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6. What is a lowland?

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7. Why might the most northern part of Canada be difficult to get to?

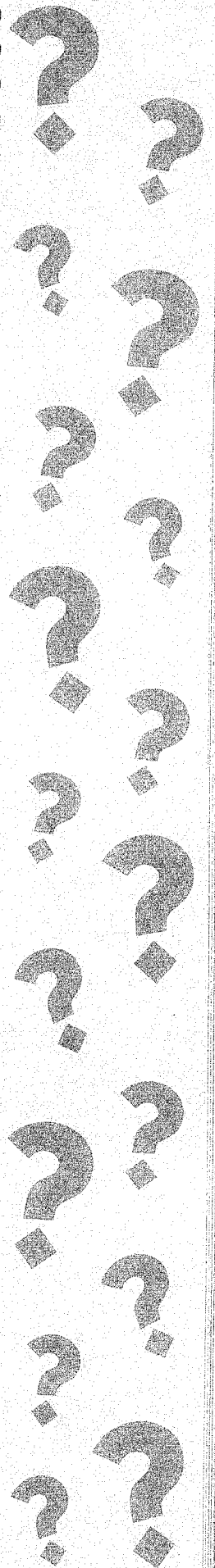
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8. Why don't trees grow in the tundra?

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# UNIT RATE

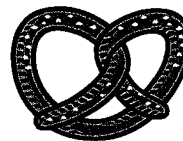
## Word problems

*Find each Unit Rate. Show your work on notebook paper.*



1. A skydiver falls 144 feet in three seconds. How far does the skydiver fall per second?
2. A pump moves 42 gallons in seven minutes. Find the unit rate.
3. You score 84 points in six games. How much do you score per game?
4. Steve drives 78 miles on 3 gallons of gas. Find the miles per gallon.
5. Maria walks 12 miles in 3 hours. How many miles does she walk per hour?

*Use unit rates to answer each question. Show your work on notebook paper.*



6. One bag of pretzels costs three dollars. Five bags of pretzels costs \$10. Which has the lower unit price?
7. It costs \$3.99 for 25 fl. oz. of detergent or \$6.99 for 90 fl. oz. Which is a better buy?
8. A 16 oz package of brown rice costs 79 cents and 32 oz package of white rice costs \$3.49. Which package is a better deal?

Name \_\_\_\_\_

Date \_\_\_\_\_

### Geometric Shapes with Given Conditions - Matching Worksheet

Match the problems to their answers.

\_\_\_\_\_ 1. Draw an obtuse triangle. An obtuse angle is greater than  $90^\circ$  and less than  $180^\circ$ . a. 1

\_\_\_\_\_ 2. Draw a 6-sided polygon (a flat shape with straight sides). b. 2

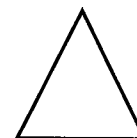
\_\_\_\_\_ 3. Which measures will create a triangle? Possibilities to examine are:  
1. 8 cm, 2 cm, and 10 cm  
2. 7 cm, 2cm, and 4 cm  
3. 5 cm, 3 cm, 1 cm c.



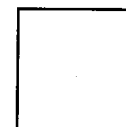
\_\_\_\_\_ 4. Identify the quadrilateral that has four sides and angles are equal. d.



\_\_\_\_\_ 5. Draw a polygon that has three corners or vertices and three sides. e.



\_\_\_\_\_ 6. Draw quadrilateral whose opposite sides are parallel and equal in length. f.



\_\_\_\_\_ 7. Which possibility below will create a triangle:  
1. 5 cm, 2 cm, and 4 cm  
2. 6 cm, 3 cm, and 10 cm g.

