

New Paradigm for Education
Daily Read & Respond Homework

Name: _____

Reading Level: _____

Wings: 5th Grade
Week of: November 20th-November 22nd, 2017
Genre: Informational – Scientific / Technical

***Please be advised we have aligned the genre for Read & Respond to match the genres reflected in the Achievement Network Test students will take at the end of Quarter #2. The genres for 5th Quarter #2 include: Informational – Scientific / Technical and Literature Story: Linked Passage Set. ***

Monday	Minutes Read: _____	Listeners Initials: _____	Week of: _____
Title:			
Author:			
After reading the attached passage, complete the graphic organizer below.			
How: Why: Where:		What: Who: When:	
<i>Textual Evidence:</i>		<i>Textual Evidence:</i>	
Main Idea:			

Handwritten signature
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Tuesday	Minutes Read: _____	Listeners Initials: _____	Week of: _____
Constructed Response			
Directions: Read the question below, using the attached passage, write your answer in complete sentences on a separate piece of paper and attach it to the back of your Read & Respond (RI.5.2/RL.5.2)			
Summarize the main idea of the text/passage. Support your answer with key details from the text and explain how the key details you chose support the main idea.			

Wednesday	Minutes Read: _____	Listeners Initials: _____	Week of: _____
No School for Students Thursday 11/23/17 Thanksgiving Break			

Thursday	Minutes Read: _____	Listeners Initials: _____	Week of: _____
No School for Students Friday 11/24/17 Thanksgiving Break			

Rainbows

Everyone enjoys seeing a rainbow in the sky, but have you ever wondered how rainbows are formed? Rainbows can be seen when sunlight shines on raindrops at just the right angle. To humans, sunlight appears white, but it is really made up of the entire spectrum of colors, such as red, orange, yellow, green, blue, indigo, and violet.

Have you ever seen a rainbow on a wall, reflected there by sunlight shining on a piece of glass somewhere in the room? When sunlight hits raindrops, the raindrops act like the piece of glass. They bend the rays of the sunlight so that it is broken apart into its different colors. The colors are reflected back to you as a rainbow.

However, certain conditions are needed in order to see a rainbow in the sky. First, it must be raining somewhere in the distance. Second, the sun must be shining fairly low in the sky. Third, the observer must be between the sun and the rain. Finally, the sun must be behind the observer.

The biggest, most colorful rainbows are those seen in the sky, but rainbows can also be seen in some other places. For example, rainbows may sometimes be seen if the sun is shining on the mist at the base of a waterfall. A person may see a faint rainbow in a fountain or even in the spray of a backyard water sprinkler if the conditions are just right.

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Rainbow Experiment

If the conditions are not right for seeing a rainbow outside in the sky, you can experiment with making your own rainbow inside by using a glass of water and a flashlight.

Material Needed

- a large, clear drinking glass
- water
- a sheet of plain white paper
- masking tape
- a flashlight

What to Do

1. Fill a glass with water almost to the top.
2. Place the glass near the edge of a counter or a table.
3. Place a sheet of plain white paper on the floor a few inches away from the counter or table.
4. Put two pieces of masking tape over the front of a flashlight so that the light comes out through a slit about 1/8 inch wide.
5. Darken the room to obtain the best results.
6. Hold the flashlight at an angle above the glass and shine the light through the water onto the sheet of paper on the floor.
7. Move the flashlight until you can see a rainbow on the paper.

What Is Happening

The beam of light from the flashlight that passes through the glass of water is similar to sunlight that passes through raindrops. The water bends the light so that it separates into the colors of a rainbow.