



BRYANT

PUBLIC SCHOOLS

4th Grade AMI Assignments

Directions: Complete the activities for each AMI day that district approves. Return to teacher within 3 days to be counted present for the approved AMI day.

Day 1	<ul style="list-style-type: none"> • Read an article, a book or chapter of a book. Write a summary of the article or book (chapter) including the key details and a conclusion. • Imagine there are 11,217 students in the school district. On a piece of paper, write the number of students in expanded form in at least 2 different ways. The community is growing and next year, 2,935 new students will enroll. Rounding to the nearest 1,000, what would the new student population be? Be sure to show your thinking. • The Roberts family went hiking on a tall mountain. Mrs. Roberts picked up a shell fossil on the top of the mountain. The fossil was once a shelled organism that lived in the ocean. Describe your ideas about how a fossil could end up on the top of a tall mountain.
Day 2	<ul style="list-style-type: none"> • Read an article, a book or chapter of a book. Write the title of the book and list 5 words with 2 syllables and 5 words with more than 2 syllables. • Practice your multiplication math facts with a fun game of basketball! Ask an adult to write some multiplication facts on different pieces of scratch paper. For each fact you answer correctly, crumple up the piece of paper with the fact written on it. When you are finished practicing, take turns making "baskets" into the trash can. • Oil is an important energy resource used by humans. Describe where you think oil came from and how it was formed.
Day 3	<ul style="list-style-type: none"> • Read an article, a book or chapter of a book. Write about the facts you learned from the article or the theme (lesson learned) if it was a story. • A group of 6 people donated a total of \$1,925 to the school. 5 of the people donated the same amount. 1 person donated more. How much did each person donate? Show your thinking on a piece of paper. • Use patterns to invent a code to send a secret message to another person without speaking or writing. (Hint: you can use patterns in colors, sounds, or pictures to represent letters in words.)
Day 4	<ul style="list-style-type: none"> • Read a book or a chapter of a book. Describe in depth the characters in the book or chapter. Use specific details from the book. • Your friends Karl and Makenna each have a rectangular vegetable garden. Karl's garden measures 20 feet by 45 feet. Makenna's garden measures 25 feet by 40 feet. Whose garden is larger in area? Show your thinking on a piece of paper. Be sure to include labels. • Design an investigation to determine when a person or an object rolling down a hill has the most energy. Describe your investigation and your results.
Day 5	<ul style="list-style-type: none"> • Read a book or a chapter of a book. Describe in depth the setting of the book or chapter. Use specific details from the book. • A muffin recipe calls for $\frac{6}{8}$ of a cup blueberries. If you picked $\frac{4}{8}$ of a cup of blueberries and your friend picked $\frac{3}{8}$ of a cup of blueberries, do you have enough blueberries for the recipe? Show and explain your thinking on a piece of paper. • Look around your home and find as many examples of devices that use energy as you can.

	<p>Design a solution to help make one of those devices work during a power outage in your area. Write down your device and solution and explain why you chose this device over all of the others in your home.</p>
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