

# Harmony Grove Middle School

## 5th Grade AMI Assignments Days 1-5

Directions: Complete the activities for each AMI day that the district approves. Return to teacher within 5 days to be counted present for the approved AMI day.

**\*\*Complete assignments on separate sheets of paper & write your first and last name on each sheet of paper.\*\***

<b>Day 1</b>	<ul style="list-style-type: none"><li>● <b>Science:</b> Observe an object. If you are able, go outside and find a leaf or flower to use. Tell me the object you observed and name one qualitative and one quantitative observation. Remember qualitative observations are what you see using your senses. Quantitative observations are related to measurement.</li><li>● <b>Reading &amp; Grammar:</b> Read an article, book, or chapter of a book. Write a summary of the article or book (chapter) including the key details and a conclusion. Use correct capitalization and punctuation.</li><li>● <b>Math:</b> Find a box of cereal (or any box around your home). Draw the box in the best 3-D image you can on a sheet of paper. Write the dimensions of the box (length, width, and height in inches; you may approximate the dimensions to the nearest whole number) and find the volume in inches. For example, 2 inches x 3 inches x 4 inches would equal to 24 inches<sup>3</sup> (or 24 inches cubed).</li><li>● <b>History/Writing:</b> Your summary you write for the reading assignment will count for your writing assignment. I want you to make sure to use at least one of each type of sentence (simple, compound, and complex) in your summary.</li></ul>
<b>Day 2</b>	<ul style="list-style-type: none"><li>● <b>Science:</b> We know that some animals eat only plants, while others eat plants and other animals. Some animals only eat other animals. What do you think would happen to the animals living on an island if all of the plants disappeared? Explain why you made your prediction. Write in complete sentences.</li><li>● <b>Reading &amp; Grammar :</b> 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. Use correct capitalization and punctuation.</li><li>● <b>Math:</b> Harmony Grove has 1,292 students attending the district as of the 2019-2020 school year. Write this number in expanded form. What is the place value relationship of the 2's in this number?</li><li>● <b>History/Writing:</b> Native Americans enjoyed a wide variety of entertainment in the form of sports, games, music, dance, and festivals. Different tribes and regions had their own games and traditions. Pick one of the following tribes and research one of their favorite games or traditions. Write an explanation of what the game is and how they play it. Tribes to choose from: Navajo, Apache, Cheyenne, Cherokee, or Shawnee.</li></ul>
<b>Day 3</b>	<ul style="list-style-type: none"><li>● <b>Science:</b> Every living thing needs food. A food chain is the order in</li></ul>

	<p>which each living thing gets food and how energy is passed from creature to creature. Draw a food chain. Label the producers and consumers in the food chain.</p> <ul style="list-style-type: none"> <li>● <b>Reading &amp; Grammar :</b> Read an article, a book or chapter of a book. Write about the facts you learned from the article or the lesson/moral if it was a story. Use correct capitalization and punctuation.</li> <li>● <b>Math:</b> Suppose the school district's size of 1,292 students increased by <math>1\frac{1}{2}</math> the size. How many students attend the school after this change?</li> <li>● <b>History/Writing:</b> Write me a paragraph using the following topic: <i>What would happen if there was no television? Would this be good or bad?</i> Please make sure to use all three types of sentences (simple, compound, and complex) in your paragraph.</li> </ul>
<p><b>Day 4</b></p>	<ul style="list-style-type: none"> <li>● <b>Science:</b> Write a paragraph describing how energy transfers from one organism to another in a food chain. Be sure to include the following words: producer, consumer, decomposer.</li> <li>● <b>Reading:</b> Read a book or a chapter of a book. Compare and contrast two or more characters in the story (or chapter) using specific details from the book. Use correct capitalization and punctuation.</li> <li>● <b>Math:</b> 615 students are going on a field trip. They ride buses that can only hold 75 students. How many buses will they need?</li> <li>● <b>History/Writing:</b> Write a summary about what happened in the book or chapter of the book you read for Reading class.</li> </ul>
<p><b>Day 5</b></p>	<ul style="list-style-type: none"> <li>● <b>Science:</b> The data below shows how far different objects move when air is blown on them with an equal force. Bottle cap: 90 cm, leaf 120 cm, tissue 180 cm, paper clip 110 cm, marble 50 cm Make a bar graph to display the data. Label your graph.</li> <li>● <b>Reading &amp; Grammar :</b> Read a book or a chapter of a book. Describe in detail the setting of the story or chapter using specific details from the book. Write about how this setting is similar or different from another book you have read in the past. Use correct capitalization and punctuation.</li> <li>● <b>Math:</b> A muffin recipe calls for <math>\frac{3}{4}</math> cups of flour, <math>\frac{1}{16}</math> cup of baking powder, <math>\frac{1}{16}</math> cup of baking soda, <math>\frac{1}{32}</math> cup, <math>\frac{1}{32}</math> cup of salt, <math>\frac{1}{2}</math> cup of butter, <math>\frac{3}{4}</math> cup of brown sugar, and <math>\frac{1}{4}</math> cup of milk. How many cups will the recipe make?</li> <li>● <b>History/Writing:</b> You will need to write THREE paragraphs for this prompt. Make sure to check your grammar and use all three types of sentences in your paragraphs. Prompt: <i>If you were to be shipwrecked on a deserted island, what three items would you most want to have with you that don't require electricity? Why those things?</i></li> </ul>

# Harmony Grove Middle School

## 5th Grade AMI Assignments Days 6-10

Directions: Complete the activities for each AMI day that the district approves. Return to teacher within 5 days to be counted present for the approved AMI day.

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<b>Day 6</b>	<ul style="list-style-type: none"><li>● <b>Science:</b> Write a paragraph describing the process of photosynthesis. Be sure to include the following words: water, sunlight, carbon dioxide, oxygen, sugar, and photosynthesis.</li><li>● <b>Reading &amp; Grammar:</b> Read an article, book, or chapter of a book. Write one cause and effect situation that you found in your reading.</li><li>● <b>Math:</b> Have someone record how high you can jump in the air in inches. What would this measurement be if you increased it by 12 times? What would this be if you converted this measurement into feet and inches?</li><li>● <b>History/Writing:</b> We are going to start our essay today and finish it throughout this week. Don't forget to use compound and complex sentences in each body paragraph. <b>Prompt: You are practicing social distancing and have been stuck in your house for weeks. Your family is planning a vacation to celebrate the end of being stuck inside. Would you like your family to choose a trip to an African safari or a trip to Disney World?</b> -You will need to write your topic today.</li></ul>
<b>Day 7</b>	<ul style="list-style-type: none"><li>● <b>Science:</b> The class planted a plant and measured the growth on days 2, 4, and 6 and recorded their data. Make a bar graph to display the data. Label your graph. Day 2: 2 inches Day 4: 3 inches Day 6 4 inches</li><li>● <b>Reading &amp; Grammar :</b> Read an article, book, or chapter of a book. Write at least two details that were important in your reading. Write what you visualized based on those details.</li><li>● <b>Math:</b> Elaine has a piece of wire that is 2.16 meters long. Dikembe has a piece of wire that is 2.061 meters long. Whose piece is longer? How can you tell?</li><li>● <b>History/Writing:</b> You will need to write your body paragraph today. Don't forget to use transitions on your body paragraphs. <b>**Your body paragraphs MUST have at least five sentences.</b></li></ul>
<b>Day 8</b>	<ul style="list-style-type: none"><li>● <b>Science:</b> Write a paragraph describing the phase changes . Be sure to include the following words: solid, liquid, and gas.</li><li>● <b>Reading&amp; Grammar :</b> Read an article, book, or a chapter of a book. Write the important events or details in the correct sequence (order that it happened).</li><li>● <b>Math:</b> Jonah bought a 1.5 liter bottle of seltzer. He used 0.8 liters in</li></ul>

some punch. Which is greater, the amount he used or the amount he has left? Explain.

- **History/Writing:** You need to continue working on your essay that you started on day 11. You will finish it up by writing the conclusion paragraph.

**Day 9**

- **Science:** Assignment: Draw and label water in the three states of matter: solid, liquid, and gas.
- **Reading & Grammar:** Homographs are words that are spelled the same but have different meanings and may or may not have the same pronunciation. Write and define one set of homographs.

Use what you've learned about number sequence to complete each table.

# of boxes	Total # of hats
2	6
5	15
7	21
___	27

# of cars	Total # of wheels
2	8
3	12
5	20
9	___

- **Math:**
- **History/Writing:** Why did the Virginia company send people over to the "New World?" What did they hope to accomplish by coming over here? I want you to write me a paragraph explaining why people were sent over to the New World. Make sure to answer the two questions above in your paragraph.

**Day 10**

- **Science:** Aaron has two cups of water. One is salt water and one is fresh water. Both cups of water look clear. He wants to know which one is which. He cannot taste the water. Design a plan to help Aaron use properties to tell the difference between the two cups of water. Write your plan in complete sentences.
- **Reading & Grammar:** Read an article, book, or chapter of a book. Find three unfamiliar words. Write and define each word based on the context that word is used in the passage.
- **Math:** Discuss the parts of this number:  $10^4$   
10 is the \_\_\_ and 4 is the \_\_\_\_\_.  $10^4$  is equal to \_\_\_\_\_.  
Feel free to look this up in your math book for the answer!
- **History/Writing:** Write a summary paragraph of the book you read today for reading.