

2023 Summer Assignments

This work should not dominate a student's summer vacation. With your student, please review the assignments, the expected time to complete them, and create a plan for completion throughout the summer. The old saying, "Failure to plan is a plan for failure" is very true when it comes to work completion, especially over the entire summer break. Help your child create a plan/schedule that will result in keeping math and reading skills sharp throughout the summer break.

6th Grade		Anticipated Hours to Complete
6th Math	<p><u>Math Skills Review - Sixth Grade - Summer Practice</u></p> <p>Throughout the upcoming school year, we will work on analyzing real-world applications of different math topics by completing various hands-on projects as well as exploring these topics in depth. Students will work to develop necessary math skills that will help them throughout their daily life, and students should have mastery of previous standards in order to be prepared for middle school math standards. For your summer work, I would like you to join the linked Khan Academy class by June 12th. Log back in on June 15th to see your assignments. Please do not use a calculator for these activities. *If you have any trouble joining this class, please feel free to email me at the email listed below.</p> <p>Please click the following link to join the class. You may be prompted to enter a class code, which is listed below.</p> <p>https://www.khanacademy.org/join/QQ3SC2F5</p> <p>CLASS CODE: QQ3SC2F5</p> <p>I look forward to meeting you all in August!</p> <p>Clarissa McCarty 6th grade Math JCIB Pleasant Grove Campus cmccarty@jefcoed.com</p>	~ 4
6th Science	<p><u>Earth Space Science - Sixth Grade - Summer Investigation</u></p> <p>In sixth grade, students will explore the connections between science and everyday life. As they investigate real examples of</p>	1-2

science applications, students will discover the connections between science and their own environment.

This summer you will be tasked with exploring and investigating the Earth's sky.


The materials needed:

- A notebook, journal, or several sheets of plain paper.
- One or more of the following: Pen, pencil, colored pencils, or markers.

Time for task completion: Over the 1 week time period, 5-10 minutes each day

Directions:

- Select a one-week time period over the summer.
- Write the dates in your observation log.
- At least once each day or night go outside and look up into the sky.
 - If the Sun is out, please do not look at it directly. Direct sunlight can cause severe damage to your eyes.
- As you look at the sky make note of what you observe in your log.
- Use the following questions to help focus your observations. You do not need to answer all of these questions. They are here to help you figure out what to observe. You may observe other things, which are not listed here, as well.
 - What things do you see in the sky?
 - Are you observing during the day or nighttime?
 - If you see clouds, what types of clouds? What shapes?
 - If you see stars, do you know the constellations? What shapes?
 - What is the weather like on the day/night, when you are making your observations?
 - What is the temperature like? Does that make a difference in what you see in the sky?
 - Can you see the Moon or any of the planets?
 - Are you looking at the sky from Alabama or somewhere else? Does that make a difference in what you see?

	<ul style="list-style-type: none"> Your observations should only take a few minutes each day over the week. You can capture what you see using words, sketches, drawings, and even short stories. It is up to you how creative you make your investigation log entries. Your observations will be your evidence for the investigation. Bring your observation log notes with you when you return to school in August. <p>Have fun with this investigation!</p> <p>Mrs. Laura Hume MYP Year 1 - 6th Grade Earth / Space Science lhume@jefcoed.com</p>	
6th English	 When You Reach Me Summer Work When You Reach Me Flip Book Link	Varies by student
6th Social Studies	<p>U.S. History - 6th Grade Individuals and Societies</p> <p>Students will practice the Approach to Learning (ATL) Skill Research over the summer. Students will select at least two current event articles, and answer the reflection questions below. A current event is an article written within the past month. Articles may come from newspapers, magazines, or digital sources. Reflections may be hand-written or typed. Please provide a copy of the current event.</p> <p><u>Reflection Questions</u></p> <ol style="list-style-type: none"> What is the date the article was written? Who is the author? What or who is the subject of the article? Write at least five facts you learned from the article. Summarize the article in 5 sentences or less. How does this article relate to history? 	1-2 Hours
7th Grade		Anticipated Hours to Complete
7th Math	Welcome to 7th Grade Math! For your summer work, you will join a Khan Academy class by using the link below by June 12th . Log back in on June 15th to see your assignments. It is	~ 4

	<p>imperative to join before June 15th because if you join after the assignments will NOT show up. It is important you watch the videos and pay close attention. It may be useful to take notes as you watch the videos to prepare you for the assignments/quizzes. The assignments/ quizzes are important math skills you will need entering 7th grade math. Please do not use a calculator on the assignments.</p> <p>Can't wait to meet you all! Have a great summer!</p> <p>Students with last name A-M Code: https://www.khanacademy.org/join/RGZAC8NV</p> <p>Students with last name N-Z Code: https://www.khanacademy.org/join/PT6GSVB7</p>	
7th Science	<p>OBSERVE AND ENJOY NATURE</p> <p>Visit a natural area, go for a walk, sit in your backyard, go to a park or the beach, or anywhere outside and make some observations!</p> <p>-Record the date, time, duration, and location of your outing.</p> <p>-Record observations on the following things:</p> <ul style="list-style-type: none"> ● Flora (plants) ● Fauna (animals, fungi, etc.) ● Geology (rocks, soil, etc.) ● Weather (today)/Climate (throughout the seasons) <p>You don't need to know specific species names for all of the plants and animals and types of rocks and soil that you see but describe them: What color are they? How big are they? What are they doing? How are they interacting with each other, with other types of organisms? (Phone applications such as "Seek by iNaturalist" can help you document and learn more about your observations. **Only download apps with your parent/guardian's approval)</p> <p>This part of the assignment can just be a running list of things you see, can use bullet points, and doesn't need to be in complete sentences. You can also include drawings of what you see.</p> <p>Write a paragraph (complete sentences) reflecting on the following questions:</p> <ul style="list-style-type: none"> ● What did you encounter? ● What questions did you wonder as you observed everything? ● How much and what kinds of human impacts did you notice in that area? ● How did you enjoy the activity? 	1-2

7th English	<p>Read the two attached short stories: <u>“Thank You, Ma’am” by Langston Hughes</u> and <u>“Eleven” by Sandra Cisneros</u>.</p> <p>As you read, contemplate and respond to the following questions. You do not need to write the question itself, but be sure to clearly number your response to each one:</p> <ol style="list-style-type: none"> 1. How would “Thank You, Ma’am” be different if it was written from Roger’s perspective? What insight would we gain as readers that we don’t already have? 2. What can we assume about Mrs. Jones in “Thank You, Ma’am”? What do you think the author Langston Hughes wants us to gain from the story? 3. Have you ever experienced something similar to Rachel in “Eleven”? How did it make you feel? 4. What do you think the author Sandra Cisneros wants us to gain from “Eleven”? What does she want us to learn/remember? 5. How are the two stories similar in theme? How do the authors portray the theme differently via the characters they create? <p>Then, write a <u>two paragraph</u> reflection on <u>one</u> of the short stories you read. Tell me why it was your favorite and the main things that stood out to you. You may use the guided questions above to help you craft your response, but your reflection should show me your thoughts about the piece as a whole rather than simply repeating your thoughts to the questions above.</p>	~ 2
7th Social Studies	<p>Civics/Geography - 7th Grade Individuals and Societies</p> <p>Students will practice the Approach to Learning (ATL) Skill Research over the summer. Students will select at least two current event articles, and answer the reflection questions below. A current event is any article written within the past month. Articles may come from newspapers, magazines, or digital sources. Reflections may be hand-written or typed. Please provide a printed copy of the current event.</p> <p><u>Reflection Questions</u></p> <ol style="list-style-type: none"> 1. What is the date the article was written? 2. Who is the author? 3. What or who is the subject of the article? 	

	<p>4. Write at least five facts you learned from the article.</p> <p>5. Summarize the article in 5 sentences or less.</p> <p>6. How does this article relate to history?</p>	
8th Grade		Anticipated Hours to Complete
8th Math	<p>You will be taking Geometry in the upcoming school year, which will also be embedded with the Algebra skills that you will need to be successful for real-world applications of different Geometry concepts. By completing various hands-on projects and critical thinking tasks, you will develop skills for success regardless of your future career choice. For your summer work, I would like you to join the linked Khan Academy class by June 12th. Log back in on June 15th to see your assignments. It is imperative to join before June 15th because if you join after the assignments will NOT show up. Please be cognizant of this.</p> <p>Please click the following link to join the class. You may be prompted to enter a class code, which is listed below.</p> <p>https://www.khanacademy.org/join/B9X8BQRX</p> <p>If prompted for a class code, use B9X8BQRX</p> <ul style="list-style-type: none"> The goal is to spend at least 1 hour per week on Khan Academy. You will be taking Geometry as credit-earning high school credit in 8th grade, so this work will help you with foundational skills to ensure you are ready. 	~ 6
8th Science	<p style="text-align: center;"><u>Chemistry in your day-to-day life</u></p> <p>In eighth grade, students will explore the connections between science and its impact on everyday life. As they investigate real examples of science applications, students will discover the connections between science and their own environment.</p> <p>This summer you will be tasked with exploring and investigating chemical and physical changes they see in their life.</p> <p>The materials needed:</p> <ul style="list-style-type: none"> A notebook, journal, or several sheets of plain paper. 	~ 2-3

- One or more of the following: Pen, pencil, colored pencils, or markers.

Directions:

- Take about 20 - 30 minutes and research the difference between chemical and physical changes. Specifically, you want to know the best tips for identifying a change as chemical or physical.
- Write this information at the top of your paper.
- Look at the following 10 scenarios. Make a claim stating whether a physical change or chemical change has taken place. Next provided the evidence from the scenario that supports your claim.
- Example table to collect your responses.

Scenario/Observation	Claim: Was it a physical change or a chemical change?	Evidence: What observations support your claim?
A student removes a loaf of bread hot from the oven. The student cuts a slice off the loaf and spreads butter on it.		
Your friend decides to toast a piece of bread but leaves it in the toaster too long. The bread is black and the kitchen is full of smoke.		
You forgot to dry the bread knife when you washed it and reddish-brown spots appeared on it		
You blow dry your wet hair.		
In baking biscuits and other quick bread, the baking powder reacts to release carbon dioxide bubbles. The carbon dioxide bubbles cause the dough to rise.		
You take out your best silver spoons and notice that they are very dull and have some black spots.		
Rotting of fruits		
A straight piece of wire is coiled to form a spring.		
Food color is dropped into water to give it color.		
In a fireworks show, the fireworks explode giving off heat and light.		

	<ul style="list-style-type: none"> Over the next couple of weeks, you need to make observations about the physical and chemical changes that are occurring around you. In your observation log record 5 chemical changes and 5 physical changes that you recognize. <ul style="list-style-type: none"> An example of this would be baking a cake. The cake rising when you bake it is an example of a chemical change. Your observations should only take a few minutes each. You can capture what you see using words, sketches, drawings, and even short stories. It is up to you how creative you make your investigation log entries. Your observations will be your evidence for the investigation. Just make sure to explain why you think your observation is a chemical or physical change. Bring your observation log notes with you when you return to school in August. <p>So excited to hear about what you observe this summer! Ms. Durham 8th Grade Physical Science</p>	
8th English	<p>Language and Literature Grade 8 Summer Assignment</p> <p>Choose one of the books from the list below and read it over the summer. Be prepared to complete a project on your chosen book within the first week of school.</p> <ul style="list-style-type: none"> The Red Queen by Victoria Aveyard The City of Ember by Jeanne DuPrau The Maze Runner by James Dashner Scythe by Neal Shusterman <p>Happy reading! Ms. Givhan 8th grade Language and Literature</p>	Varies
8th Social Studies	<p>Individuals and Societies Summer Assignment</p> <p>For this assignment, you will be researching how to properly cite different kinds of sources in APA format. These are the types of</p>	2

sources that you will use in papers and projects this fall in
Individuals and Societies.

Choose **ONE OF EACH** of the following types of sources and
property cite them in APA Format:

- Book
- Website
- Magazine
- Journal
- Image

You will use the [APA Citation Tool](#) from Purdue University to
help you create your citations.

If you are typing in the web address go to: www.owl.purdue.edu

You may type or write out your work. Please label each citation
with what kind of source it is: book, website, magazine, etc...

See you soon!

Mrs. Teague

8th Grade Individuals and Societies