



## EXTENDED INSTRUCTIONAL ACTIVITIES

### Supporting Students at Home

#### Grade 5


### Overview

This guide provides grade-level, content-specific instructional activities to help keep students intellectually active while at home when schools are closed for inclement weather, during quarantine, or other unexpected events. The tasks that students complete at home will not be used as assessment or counted as part of the students' grade. Each instructional area has a "choice board" of task options. Each day, please help your child select a variety of tasks from each instructional area "choice board" daily including language arts, mathematics, science, social studies, related arts (Health/PE, Art, Music, Library Media, & Instructional Technology), and ESOL as appropriate.

### Social Studies

Political Science	Geography	History	Economics
Write a letter to legislators about a topic you feel strongly about.	Analyze the role that geography played by watching the <a href="https://www.thinglink.com/scene/643639811285975042">Seven Years War and Proclamation of 1763 video</a> . ( <a href="https://tinyurl.com/r73z2lg">https://tinyurl.com/r73z2lg</a> )	Explore this <a href="https://www.thinglink.com/scene/643639811285975042">ThingLink</a> ( <a href="https://www.thinglink.com/scene/643639811285975042">https://www.thinglink.com/scene/643639811285975042</a> ) about the history of the British colonies during the American Revolution.	Create a savings plan for something. Be sure to identify how you will earn money and how you will save.
Describe a situation when the good of the group was more important than the rights of an individual and another situation when the rights of an individual was more important than the good of the group.	Explain to someone the role of geography in the Battles of the American Revolution.	Learn about the Constitutional Convention by watching these episodes of Liberty's Kids ( <a href="https://youtu.be/m5NWYSU0qhQ">https://youtu.be/m5NWYSU0qhQ</a> ).	Analyze the economy of Maryland using the <a href="https://digital.gibbssmitheducation.com/MD4_SE/125">Maryland Adventure Textbook</a> . ( <a href="https://digital.gibbssmitheducation.com/MD4_SE/125">https://digital.gibbssmitheducation.com/MD4_SE/125</a> ) Login: HCPSSstudent Password: student
Play a game about civics at <a href="http://icivics.org">icivics.org</a> .	Analyze <a href="https://digital.gibbssmitheducation.com/MD4_SE/125">the role that geography</a> played during the Civil War using the <a href="https://digital.gibbssmitheducation.com/MD4_SE/125">Maryland Adventure Textbook</a> . ( <a href="https://digital.gibbssmitheducation.com/MD4_SE/125">https://digital.gibbssmitheducation.com/MD4_SE/125</a> ) Login: HCPSSstudent Password: student	Practice reading <a href="http://www.americaslibrary.gov/jb/revolut/2ndcong_1.html">a timeline about the American Revolution</a> ( <a href="http://www.americaslibrary.gov/jb/revolut/2ndcong_1.html">http://www.americaslibrary.gov/jb/revolut/2ndcong_1.html</a> ) Create your <a href="#">own timeline</a> of what you think are the most important events.	Identify the role economics played in the American Revolution. This is a chapter from the <a href="https://digital.gibbssmitheducation.com/MD4_SE/125">Maryland Adventure Textbook</a> . ( <a href="https://digital.gibbssmitheducation.com/MD4_SE/125">https://digital.gibbssmitheducation.com/MD4_SE/125</a> ) Login: HCPSSstudent Password: student
Create a list of ways you can be a responsible citizen and explain why these are important.	Analyze the role that geography played during the <a href="#">Constitutional Convention</a>	Analyze and discuss <a href="https://hcpps.instructure.com/courses/9385/files/11502480/download?wrap=1">the role of Slavery in Maryland using this timeline</a> ( <a href="https://hcpps.instructure.com/courses/9385/files/11502480/download?wrap=1">https://hcpps.instructure.com/courses/9385/files/11502480/download?wrap=1</a> )	Explain the role that economics played in the Constitutional Convention.

## Language Arts

<p>Make a list of 10 nouns (person, place or thing i.e. dog) and 10 verbs (action word i.e. running). Write 10 sentences and use one verb and one noun in each sentence.</p>	<p>As you read, jot down questions you have. If the text answers your questions, write the answers down. If it does not them, have a family member help you research them.</p>	<p>Read a nonfiction article or book. After reading, write 3-4 questions that you still have about the topic. Do some research on the topic to answer your questions.</p>	<p>Imagine your family is on vacation. Describe what you see, hear, smell, feel, and taste.</p>	<p>Read a book or article. Write a pretend "tweet" that captures the book's themes and ideas.</p>	<p>Write about what would happen if you brought one of the characters from a book you read with you to school for a day.</p>
<p>Use descriptive words like amazing, incredible, or outrageous, while writing about your favorite activity of all time.</p>	<p>Write directions to make your favorite sandwich or snack. Ask someone to use the directions you wrote to follow them to make a sandwich or snack. See if you need to add details.</p>	<p>Create a comic strip about an experience you had with your friend. Make sure you include dialogue.</p>	<p>Read a biography or interview a family member. Create a timeline with 15 important events about the person.</p>	<p>Create a storyboard for a fiction or narrative nonfiction text.</p>	<p>Observe nature closely and write about your observations.</p>
<p>Help in the kitchen by reading a recipe to help an adult who is cooking or create your own recipe to make a new dish.</p>	<p>Create a pamphlet about your community that can be shared with a new student. Make sure you include information about places to eat, parks, shopping and other interesting information.</p>	<p>Read an informational article or book. Write 10 comprehension questions for the topic.. Have a family member read the article/book and answer your questions! Be sure to check their answers.</p>	<p>Write the names of all of your family members. Using the names, how many words can you generate that have more than 4 letters?</p>	<p>Write common prefixes on a piece of paper. Cut the prefixes into cards. Take turns reading the cards. Say a word that uses the prefix correctly and give a definition. Prefix examples: anti, fore, hypo, inter, infra, hyper, mega, para, pro, semi, super, tele, re, uni.</p>	<p>Use some photos to write at least one caption for each. Be descriptive or funny when writing the photo.</p>
<p>Write everyday items</p> <ul style="list-style-type: none"> <li>● Grocery lists</li> <li>● Things to do today</li> <li>● Letter to ____</li> <li>● List of places to visit</li> </ul>	<p>Start reading a novel. Each day write a reflection (in a journal or <i>Post-It</i> note) about the events in the story.</p>	<p>Create a crossword puzzle about your favorite topic.</p> 	<p>Being a journal of the events of each day. Make sure to include descriptive language.</p>	<p>Make a list of 10 nouns (person, place or thing i.e. dog) and 10 verbs (action word i.e. running). Write 10 sentences and use one verb and one noun in each sentence.</p>	<p>Start a personal journal, or continue In your journal, to add entries that describe the activities that you are doing each day. Include your feelings during the activities.</p>

## Mathematics

<p>Make a paper airplane. Measure how long it flies. Do it again. Find the difference of the two throws.</p>	<p>Make two four-digit numbers. Add them. Show how you added.</p>	<p>Write all of the multiplication facts for <math>\times 5</math>, <math>\times 6</math>, <math>\times 7</math>, <math>\times 8</math>, and <math>\times 9</math> facts.</p>	<p>Make 5 four-digit numbers. Write them in expanded form. Put them on a number line.</p>	<p>Write all of the multiplication facts for <math>\times 5</math>, <math>\times 6</math>, <math>\times 7</math>, <math>\times 8</math>, and <math>\times 9</math> facts.</p>	<p>Make 5 four-digit numbers. Write them in expanded form. Put them on a number line.</p>
<p>Write different fractions. Compare them. Tell how you know which is greater.</p>	<p>Write all of the division facts for <math>\div 6</math>, <math>\div 7</math>, <math>\div 8</math>, and <math>\div 9</math> three times each.</p>	<p>Write word problem for <math>\frac{1}{4} + \frac{3}{4}</math>. Draw a picture to show the solution.</p>	<p>Write different fractions. Draw a picture of each fraction. Put each fraction on a number line.</p>	<p>Make two four-digit numbers. Subtract them. Show how you subtracted.</p>	<p>Create a subtraction equation with a difference between 2,000 and 2,500.</p>
<p>Write a word problem for <math>1,250 + 981</math>. Then create a new equation and write a word problem for it.</p>	<p>Create decimal numbers. Write them in expanded form. Put them on a number line.</p>	<p>Write a word problem for a multiplication problem. Start with <math>24 \times 7</math> then choose a new one.</p>	<p>Break apart <math>\frac{7}{8}</math> in three different ways. Then choose a new fraction and break it apart too. Record the equations for breaking them apart.</p>	<p>Write word problem for <math>\frac{1}{4} + \frac{3}{4}</math>. Draw a picture to show the solution.</p>	<p>Write different fractions. Draw a picture of each fraction. Put each fraction on a number line.</p>
<p>Use playing cards to create examples of three different fractions. Put them on a number line. Tell how you know where they are placed.</p>	<p>Create two 4-digit numbers. Subtract them. Show you found the difference. Create new problems that subtract a 4-digit number from another 4-digit number.</p>	<p>Estimate and then find the sum of <math>2,359 + 4,405</math>. Then create three more problems with two, 4-digit numbers to add.</p>	<p>Find 2 different fractions that are equivalent to <math>\frac{3}{4}</math>. Tell how you know they are equivalent. Write a new fraction and create equivalent examples for it.</p>	<p>Divide 378 by 3. Show how you divided. Create and solve 5 new problems that divide a 3-digit number by a single digit number.</p>	<p>Use playing cards to deal yourself two numbers. Multiply them. Record the equation. Write a related division equation. Do it again with two new cards.</p>

## Science

Indoors	Investigation / Reflection	Online	Outdoors <i>(with adult permission)</i>
<p>Create a Home Science Journal! Decorate the cover, create a vocabulary chart to write down new science words you learn, and number the pages. Use this journal while you are doing your At Home Science Tasks.</p>	<p>Think about cause and effect relationships. "What do you think will happen if ___?" What caused ___ to happen?" Explore the cause and effect relationships related to gravity. Safely drop a variety of objects from different heights. How do they compare?</p>	<p>Using your HCPSS login information, go to MackinVIA through <a href="http://hcpss.me">hcpss.me</a> and read some stories on <i>Britannica School Edition for 3-5</i> that relate to weather and climate, life cycles and traits, and forces, or a science topic that interests you!</p>	<p>In a natural area nearby, make close observations of the interactions in nature. How do things in the biosphere interact with the geosphere? What evidence of this can you find?</p>
<p>Read some non-fiction science books, especially those related to Earth's systems (geosphere, biosphere, hydrosphere, atmosphere), stars and Earth's rotation, food chains, ecosystems. Write or draw some new information you learned in your home science journal.</p>	<p>What is a common problem, or inconvenience in your home? How might you solve that problem? Can you draw a plan for your solution? Be sure to include labels and a description. If you can gather materials at home, try to build a prototype!</p>	<p><a href="#">SciKids Show on YouTube</a> <i>(online video)</i> Explore videos that relate to Earth's systems (geo, bio, hydro, atmosphere), stars and Earth's rotation, food chains, ecosystems. Write about your reaction to the video you watched.</p>	<p>Lead a neighborhood <a href="#">BioBlitz</a> with family members. How many different living things - plants and animals - can you find around where you live? As a citizen scientist, make sure to collect your data.</p>
<p>Look out the window at night and carefully observe the stars. In your home science journal, draw/label and describe: what patterns do you see? Are they in the same place each evening? Are they shifting location? What story could you write about a constellation?</p>	<p>Think about your favorite animal. What would that animal eat in the wild? What might eat it? Can you make a prediction about it's full food chain? Draw and write about your prediction in your home science journal.</p>	<p><a href="#">Crash Course Kids</a> <i>(online video)</i> Explore videos that relate to Earth's systems (geosphere, biosphere, hydrosphere, atmosphere), stars and Earth's rotation, food chains, ecosystems. What questions do you have about what you heard/learned?</p>	<p>Mark a spot on the ground outside. Go outside many times throughout the day and stand on the same spot. Observe your shadow. Does its shape, length, or direction change throughout the day?</p>
<p>Use craft materials to create a model (by building 3D or drawing) to represent Earth's systems (biosphere, hydrosphere, geosphere, atmosphere) and how they interact.</p>	<p><i>First, get permission to investigate in your kitchen.</i> What do you think will happen if you dissolve salt in hot water and in cold water? What about sugar? Make a claim, then test it out! Write and draw about what happened.</p>	<p><a href="#">Bill Nye The Science Guy</a> <i>(online video)</i> Explore videos that relate to Earth's systems (geo, bio, hydro, atmosphere), stars and Earth's rotation, food chains, ecosystems.</p>	<p>Can you find evidence of Earth's systems (biosphere, geosphere, hydrosphere, atmosphere) around where you live? Collect natural objects from outside to represent Earth's systems.</p>

## Related Arts: Art, Library Media, Music, Physical Education, and Health

<p><b>Art</b></p>	<p><b>Why is Art So Weird? * Wait, I Can Use That....</b> Gather items that usually end up in the recycle bin or you no longer use. What some people would call trash. Create a sculpture by stacking, attaching and combining objects. Consider the colors or add color paint or markers.</p> <p><b>*To view video (optional)</b> <a href="https://www.tate.org.uk/kids/explore/kids-view/why-art-so-weird">https://www.tate.org.uk/kids/explore/kids-view/why-art-so-weird</a></p>	<p><b>Weather and Art*</b> Materials:  <ul style="list-style-type: none"> <li>Any available materials.</li> </ul>           Imagine the feeling of the different seasons, types of weather: gentle rain, wind, hot and muggy, or freezing cold. Different types of weather make you feel differently. Can you make a drawing, painting, or collage to show how it feels? It can be realistic or abstract.</p> <p><i>*https://www.tate.org.uk/art/weather-and-art</i></p>	<p><b>What Color are You Feeling Today?</b>  <i>* Artist Henri Matiss said 'Color was given to us so that we can express our emotions.'</i></p> <p>Select a color that expresses how you feel today. Using different shades of that color create a painting, collage or drawing. Give it a title that expresses your feelings.</p> <p><i>*https://www.tate.org.uk/kids/games-quizzes/quiz-what-kind-colour-are-you</i></p>	<p><b>Design Your Ideal Bedroom*</b> Materials:  <ul style="list-style-type: none"> <li>Paper, colored pencils, markers or crayons</li> </ul>           Consider:  <ol style="list-style-type: none"> <li>Where would your ideal day be spent?</li> <li>What are your favorite colors?</li> <li>What shapes do you like best?</li> <li>What would you like to be?</li> <li>Are you messy? Neat? Quirky?</li> <li>What do you do in your room?</li> </ol> <b>Now see, imagine, and Draw It!</b></p> <p><i>*https://www.tate.org.uk/kids/games-quizzes/quiz-which-artist-should-design-your-bedroom</i></p>
<p><b>Library Media</b></p>	<p>Select from a wide range of reading materials - picture books, chapter books, magazines, comics. Practice recognizing the difference between fiction and non-fiction.</p>	<p>Practice alphabetizing spices, canned goods, and other sets of items</p>	<p>Generate questions about a topic you would like to learn more about. Use the Big6 research process to conduct research.</p>	<p>eBooks, electronic encyclopedias, databases, and audiobooks are available in MackinVIA from <a href="http://hcpps.me">hcpps.me</a> such as PebbleGo, Tumblebooks, FUNdamentals in Britannica School Edition.</p>
<p><b>Music</b></p>	<p>Use household items (with permission) to explore the difference between beat and rhythm. Create your own rhythm patterns.</p>	<p>Use your voice or instrument at home to explore high and low sounds. Compare and contrast your sounds with someone else.</p>	<p>Listen to any song and label it with the verses and refrain. Translate that pattern to letters in order to explain the musical form (ex. ABAB).</p>	<p>Listen to music on the radio or other device and demonstrate the beat on your body or nearby table. Describe what you like about the music to a family member.</p>
<p><b>P.E. and Health</b></p>	<p>Invent an active game or dance. Enjoy a 30-minute walk.  Play your favorite tag game with your family.</p>	<p>Have a relay race with your family. Incorporate different locomotor movements and animal walks.</p> <p>Complete the following exercises: 10 push-ups, 30 second plank, 10 sit-ups, 10 air squats, 10 lunges, 30 jumping jacks, 1 minute of jogging in place, and 1 minute of high knees.</p>	<p>Read a book while performing wall-sits.</p> <p>Complete the following exercises: 10 burpees, 10 wall push-ups, sit and reach stretch, 20 small arm circles (forwards and backwards), 20 large arm circles (forwards and backwards), and 10 minute walk around the neighborhood.</p>	<p>Pick one of the websites below and perform one of the workouts:</p> <ul style="list-style-type: none"> <li>Darebee Fitness Posters <a href="https://darebee.com/">https://darebee.com/</a></li> <li>Go Noodle Fitness Videos <a href="http://www.gonoodle.com">www.gonoodle.com</a></li> <li>Kids Health <a href="http://www.kidshealth.com">www.kidshealth.com</a></li> <li>Cosmic Kids Yoga Video <a href="https://www.cosmickids.com">https://www.cosmickids.com</a></li> </ul>

## Instructional Technology

<b>Instr. Tech.</b>	<b>Unplugged Activity</b> Parents can design a path for the “mouse” using a deck of cards and place some yummy treats for him throughout the path. Students will use coding language to provide an algorithm to get to the treats.  Feed the Mouse Directions ( <a href="http://info.thinkfun.com/stem-education/6-unplugged-coding-activities-for-hour-of-code">http://info.thinkfun.com/stem-education/6-unplugged-coding-activities-for-hour-of-code</a> )	<b>Plugged Activity</b> Complete a Code Studio Course through <a href="http://code.org">Code.org</a> .	<b>Keyboarding</b> Practice letter recognition and pre-keyboarding skills. <ul style="list-style-type: none"> <li>• Pre-Keyboarding Skills with Website Recommendations (<a href="https://tinyurl.com/prekeyboard">https://tinyurl.com/prekeyboard</a>)</li> <li>• Practice typing their first name and last name, username and password, and/or high-frequency words in a blank word processing document.</li> </ul>	<b>Wixie</b> Use Wixie in <a href="https://hcpss.me/">https://hcpss.me/</a> to illustrate and write a story about your day.
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## ESOL

<p>Interview a family member. Ask about their likes and dislikes and their goals. Ask how they reached their goals or plan to reach their goals. Do you have similar goals? How are yours different? Tell your family member about your goals and how you will reach them.</p>	<p>Watch a show that features an occupation such as firefighters, police officers, engineers. Discuss with a family member why or why not you would want to have this job?</p>	<p>Summarize a fiction book you read or a video you watched to a family member. Make sure to tell the family member the problem in the story. Both discuss what you would have done if you had a similar problem.</p> <p>The problem was _____.            I agree/disagree with how it was solved because _____.            I would have _____.</p>	<p>Discuss with a family member a goal you want to achieve, but that you need help with (cooking a meal, playing a song, asking a friend to play). Discuss the steps to take to achieve your goal.</p>
<p>Access MackinVia in <a href="https://hcpss.me/">https://hcpss.me/</a>.            Read or listen to books and record a summary of your book with WeVideo in <a href="https://hcpss.me/">https://hcpss.me/</a>.  <b>OR</b>            Read a book you have at home and write a summary of your book.</p>	<p>Access MackinVia in <a href="https://hcpss.me/">https://hcpss.me/</a>.            -Choose a book to read or listen to.            -Think about the actions of the main character.            -List actions the main character takes to solve a problem.</p>	<p>Access MackinVia in <a href="https://hcpss.me/">https://hcpss.me/</a>.            Read or listen to books and write to explain what you would do differently if you were the main character.  <b>OR</b>            Read a book you have at home and write to explain what you would do differently if you were the main character.</p>	<p>Access MackinVia in <a href="https://hcpss.me/">https://hcpss.me/</a>.            -Choose a book to read or listen to.            -Think about the actions of the main character.            -Explain how the main character’s actions helped solve a problem.</p>