



EXTENDED INSTRUCTIONAL ACTIVITIES

Supporting Students at Home

Grade 5

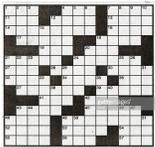
Overview

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 or other unexpected events. The tasks that students complete at home will not be used as assessment or counted toward any part of the students’ final quarter grade. Each instructional area has a “choice board” of task options. 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 Seven Years War and Proclamation of 1763 video . (https://tinyurl.com/r73z2lg)	Explore this ThingLink (https://www.thinglink.com/scene/643639811285975042) 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 (https://youtu.be/m5NWYSU0qhQ).	Analyze the economy of Maryland using the Maryland Adventure Textbook . (https://digital.gibbssmitheducation.com/MD4_SE/125) Login: HCPSSstudent Password: student
Play a game about civics at icivics.org .	Analyze the role that geography played during the Civil War using the Maryland Adventure Textbook . (https://digital.gibbssmitheducation.com/MD4_SE/125) Login: HCPSSstudent Password: student	Practice reading a timeline about the American Revolution (http://www.americaslibrary.gov/jb/revolut/jb_revolut_2ndcong_1.html) Create your own timeline of what you think are the most important events.	Identify the role economics played in the American Revolution. This is a chapter from the Maryland Adventure Textbook . (https://digital.gibbssmitheducation.com/MD4_SE/125) 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 Constitutional Convention	Analyze and discuss the role of Slavery in Maryland using this timeline (https://hcpss.instructure.com/courses/9385/files/11502480/download?wrap=1)	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 answer your questions, 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, outrageous, or super-fun, while writing about your favorite activity of all time.</p>	<p>Write directions to make your favorite sandwich or snack. Using the directions you wrote, ask someone to follow the direction 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 provide the definition. Examples of Prefixes: anti, fore, hypo, inter, infra, hyper, mega, macro, 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"> ● Grocery lists ● Things to do today ● Letter to _____ ● List of places to visit 	<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>The difference of two fractions is $\frac{3}{4}$. What could the fractions be? Show how you know.</p>	<p>Write a word problem that can be solved with $\frac{3}{4} - \frac{2}{5}$. Then create a new subtraction problem and write a new word problem that goes with it.</p>	<p>Show the sum of $\frac{2}{3} + \frac{3}{6}$ using pictures. Label your diagram. Write a new subtraction problem and try it again.</p>	<p>Write 5 decimal numbers (like 2.56 and 2.78). Put them in order. Put them on a number line.</p>	<p>Use playing cards to create examples of three different fractions. Put them on a number line. Explain how you know where they are placed on the number line.</p>	<p>Create two 5-digit numbers. Subtract them. Show how you found the difference.</p>
<p>Write a story problem that multiplies fractions. Solve the problem. Show your thinking.</p>	<p>Jason says the answer to $\frac{8}{9} - \frac{2}{5}$ is $\frac{6}{4}$. Tell why you agree or disagree with Jason.</p>	<p>Create two decimal numbers like 3.56 and 4.74. Find the sum of the two numbers. Show how you added.</p>	<p>Write a multiplication problem. Estimate and then solve using the standard algorithm. Start with 247×32.</p>	<p>Use playing cards to create a 3-digit number and a two-digit number. Find the product of the two numbers. Then, try again with different numbers.</p>	<p>Measure different books with a ruler. Find the area and the perimeter of the cover of the book.</p>
<p>Write three decimals that are in between .6 and .875. Tell how you know they are between those two numbers. Try again with different decimals.</p>	<p>Create fractions with unlike denominators that have a sum less than one. Tell how you know. Then create fractions with unlike denominators that have a sum greater than one.</p>	<p>Tell how comparing whole numbers is similar and different than comparing decimals. Show your thinking with pictures, numbers, and words.</p>	<p>Create two different mixed numbers with a difference between 1 and 2. Show your thinking.</p>	<p>Create two different fractions. Write a story problem that subtracts one fraction from the other. Solve the problem and show your thinking.</p>	<p>Create two 5-digit numbers. Add them. Show how you found the sum. Try it again with different 5-digit numbers.</p>
<p>Write a fraction and a whole number less than 10. Multiply the two. Show your thinking.</p>	<p>Sammy estimated $17.98 - 9.2$ is about 8. Is his estimate reasonable? Explain why or why not.</p>	<p>Create rectangles that have the same area but different perimeter. Show your diagrams.</p>	<p>Create two different mixed numbers with a sum between 5 and 8. Show your thinking.</p>	<p>Create different four-digit decimals like 34.56 or 78.97. Put them all on the same number line. Explain how you know where to put them on the number line.</p>	<p>Create two different fractions. Find the product of the fractions. Draw a picture to explain your thinking.</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 hcpss.me 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>SciKids Show on YouTube <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 BioBlitz 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>Crash Course Kids <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>Bill Nye The Science Guy <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

Art	<p>Explore the National Gallery of Art - Kids (https://www.nga.gov/education/kids.html)</p>	<p>Using available supplies, draw your favorite well-loved object or toy.</p> <p>Explore the Metropolitan Museum of Art - MetKids (https://www.metmuseum.org/art/online-features/metkids/)</p>	<p>Using available supplies, draw a baby shark eating a birthday cake.</p> <p>Explore the Museum of Modern Art - Destination Art (https://www.moma.org/interactives/destination/#)</p>	<p>Using available supplies, draw your family eating dinner.</p> <p>Explore the J. Paul Getty Museum - Kids (http://www.getty.edu/gettygames)</p>
Library Media	<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 Super3 research process to conduct research.</p>	<p>eBooks, electronic encyclopedias, databases, and audiobooks are available in MackinVIA from hcpps.me such as PebbleGo, Tumblebooks, FUNdamentals in Britannica School Edition.</p>
Music	<p>Using household items explore the difference between beat and rhythm.</p>	<p>Use your voice to explore high and low. Compare and contrast your sounds with someone else.</p>	<p>Listen to any song and label it with verse and refrain. Translate that to letters ex. ABAB</p>	<p>Explore different uses in your day for whisper, soft, and loud speaking.</p>
P.E. and Health	<p>Invent an active game or dance.</p> <p>Enjoy a 30-minute walk.</p> <p>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"> ● Darebee Fitness Posters https://darebee.com/ ● Go Noodle Fitness Videos www.gonoodle.com ● Kids Health www.kidshealth.org ● Cosmic Kids Yoga Video https://www.cosmickids.com

Instructional Technology

<p>Instr. Tech.</p>	<p>Unplugged Activity 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.</p> <p>Feed the Mouse Directions (http://info.thinkfun.com/stem-education/6-unplugged-coding-activities-for-hour-of-code)</p>	<p>Plugged Activity Complete a Code Studio Course through Code.org.</p>	<p>Keyboarding Practice letter recognition and pre-keyboarding skills.</p> <ul style="list-style-type: none"> • Pre-Keyboarding Skills with Website Recommendations (https://tinyurl.com/prekeyboard) • Practice typing their first name and last name, username and password, and/or high-frequency words in a blank word processing document. 	<p>Wixie Use Wixie in https://hcpss.me/ to illustrate and write a story about your day.</p>
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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 https://hcpss.me/. Read or listen to books and record a summary of your book with WeVideo in https://hcpss.me/. OR Read a book you have at home and write a summary of your book.</p>	<p>Access MackinVia in https://hcpss.me/. -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 https://hcpss.me/. Read or listen to books and write to explain what you would do differently if you were the main character. OR 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 https://hcpss.me/. -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>