



Distance Learning Experiences

March 20, 2020

WPS Families,

Winchester Public Schools is committed to providing engaging distance learning experiences for students during our closing. Students' ability to access curriculum materials, technology, and the internet is a critical consideration for WPS in providing appropriate instruction to all students. We will continue to develop resources and access to materials for families. During a school closure due to COVID-19, students will be asked to explore an area of particular interest, revisiting previous learning experiences, and engaging in family activities.

In addition to the online resources currently available on our school websites, we are also providing distance learning experience choice boards for you and your child. These boards are intended to offer ideas and experiences for you to engage in at a pace and time that works best for your family. These distance learning experiences are meant to support the instruction that has already occurred at school, as well as provide additional opportunities for exploration. This is intended to be supportive rather than create frustration for students. Please use these experiences as an opportunity to connect with your child about learning in a positive way. We will also be delivering activity packs to all of our 140 PreK families. Our teachers are anxious to reach out to you all and you should expect to hear from them soon if you haven't already.

All experiences that are completed while students are out of school due to the COVID-19 virus closure will not be graded. This includes any work your child may have brought home from school or receives during the closure. We want our students to stay engaged for the love of learning.

We appreciate your partnership in supporting learning during our time away from school.

Please use the links below to access the choice boards appropriate for your child.

[Kindergarten & First Grade Choice Board](#)

[Second & Third Grade Choice Board](#)

[Fourth & Fifth Grade Choice Board](#)

[Sixth Grade Choice Board](#)

[Seventh Grade Choice Board](#)

[Eighth Grade Choice Board](#)

[All Grades Choice Board](#)

[Online Resources](#)

Winchester Public Schools Distance Learning Experiences

Kindergarten & First Grade Choice Board

[\(Return to Menu\)](#)

Directions: Select at least one activity per content column to complete each week.

Math	Reading/Writing	Science	Social Studies
<p>Patterns Draw or create a pattern and describe what is occurring. Can you create the same pattern using different objects?</p>	<p>Curl Up with a Book Choose a book that interests you. Read it to a family member, friend, stuffed animal, or pet. Then, draw a picture about what you read.</p>	<p>Reduce, Reuse, Recycle! Write/draw some examples of items that can be used or recycled. Draw/write two ways you can conserve (save) water or energy around your home.</p>	<p>Good Citizen What are some ways you are a good citizen at home or school? Write a sentence and/or draw a picture showing at least one way you are a good citizen.</p>
<p>Shape Hunt Take a walk around your house and identify different shapes that you see. Draw a picture of the shapes you see and identify the number of sides and angles of each shape. (i.e. the door is a rectangle, 4 sides, 4 angles)</p>	<p>Listen to a Story Have an adult, older sibling, or friend read a children's story to you. After you listen to the story, write which were your favorite parts and why.</p>	<p>Give Me Five! Write the following words: taste, touch, smell, hear, and see. Draw the sensing organ (eye, ear, nose, tongue, and skin) with the correct sense. Draw or write something for each sense (example: something you can taste, etc.).</p>	<p>Community Helpers A community is a place where people live, work, and play. Community helpers are citizens that work in a community. Draw a community helper and describe his or her job (Example: A teacher helps students learn).</p>
<p>Write, Count, Compare Write your first and last name. Which name is longer? How many more letters are there in your longer name than in your shorter name?</p>	<p>Use Your Imagination! Write a story about someone going on an adventure. Use words and pictures to tell about what happens!</p>	<p>Let's Investigate Matter Predict and describe how various materials (vinegar, milk, baking soda, powdered drink mix, sugar, salt, sand, oil, soil, rocks) act when mixed with water. Record which liquids will dissolve in water.</p>	<p>Make a Map Draw a map of a room in your home or school. Be sure to add a map legend that tells us what each shape and symbol stands for on your map.</p>
<p>Making Ten Write down as many ways that you can think of to make 10.</p>	<p>Keep a Journal Use pictures and words to write about what you do each day. Explain what your favorite part of the day is and why.</p>	<p>Is it Wild? On paper, make two columns: WILD and DOMESTIC. Write or draw two animals in each column. Bonus: Label the body coverings of those animals (hair, fur, scales, feathers, etc.)</p>	<p>Build it! What's your favorite thing you learned in social studies? Use materials around your home to build a model of it.</p>

Winchester Public Schools Distance Learning Experiences

Second & Third Grade Choice Board

[\(Return to Menu\)](#)

Directions: Select at least one activity per content column to complete each week.

Math	Reading/Writing	Science	Social Studies
<p>Fair Share How many different ways can you divide a square into four equal parts? Can you find more than four ways?</p>	<p>Curl Up with a Book Choose a book that interests you. Find a comfy place to read. Then, illustrate your favorite scene. Write a caption about what is happening in the scene.</p>	<p>It Matters! Identify and illustrate the phases of water. Chart the various phases of water found around your home. Bonus: Conduct an investigation to observe the condensation of water.</p>	<p>Famous Americans Who is a famous American you admire and why? Write 3-5 sentences about the famous American you chose and why you admire them.</p>
<p>Ten Questions Play ten questions with a partner. One person thinks of a number between 1 and 999. The other person asks 10 yes or no questions to guess the number. (Ex. Is it odd? Is it less than 50? Does it have a 2 in the tens place?) 3rd grade can choose a number to 9,999.</p>	<p>Recording Studio Use a device to record yourself reading. Listen to the recording and think about what sounds good and what you would like to improve. Set a goal about what you would like to change. Record yourself again, trying to sound like the best reader you can be!</p>	<p>What's the Weather? Observe and use a chart or graph to record daily weather conditions, such as sunny, cloudy, windy, rainy, or snowy. Describe weather in terms of temperature, wind, and precipitation. Do you see patterns?</p>	<p>Then and Now Compare and contrast an ancient civilization or American Indian tribe from the past with your life today. What are some similarities and differences? Write or draw your answers.</p>
<p>Graph It Write a question that you can create a tally chart for in your home. Use the tally chart to create a pictograph or bar graph of the data.</p>	<p>Use Your Imagination! Write a story about someone going on an adventure. Use words and pictures to tell about what happens!</p>	<p>Find Me a Home Design (draw) and/or construct a model of a habitat for an animal with a specific adaptation.</p>	<p>What's on a Globe? Draw a model of the Earth and label as many water and land features as you can. Don't forget to include a compass rose, legend, and title.</p>
<p>50 = _____ 50 is the answer. What could the question be? Challenge yourself to think of as many number sentences that equal 50 as you can.</p>	<p>Keep a Journal Use pictures and words to write about what you do each day. Explain what your favorite part of the day is and why.</p>	<p>It's a Cycle! Take time to notice patterns and cycles in your everyday life. Select one pattern or cycle and Write and draw what is occurring. (Ex: day/night, seasons, moon phases, animal and plant cycles)</p>	<p>Build it! What's your favorite thing you learned in social studies? Use materials around your home to build a model of it.</p>

Winchester Public Schools Distance Learning Experiences

Fourth & Fifth Grade Choice Board

[\(Return to Menu\)](#)

Directions: Select at least one activity per content column to complete each week.

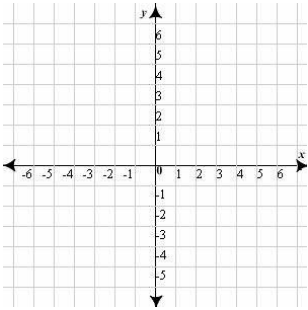
Math	Reading/Writing	Science	Social Studies
<p>Four Number Challenge Using all four of the digits 5, 6, 7, and 9, and any of the four operations (+, -, x, ÷), can you make the number 24? Can you make 36?</p>	<p>Curl Up with a Book Choose a book that interests you. Find a comfy place to read. Then, illustrate your favorite scene. Write a caption about what is happening in the scene.</p>	<p>May the Force be with You! Design an investigation to test the following hypothesis: "If the mass of an object increases, then the force needed to move it will increase." Write about your findings.</p>	<p>Be the Tour Guide! Pick a region of Virginia or the United States. Write a paragraph or make a brochure convincing people to visit the region you chose. Be sure to give reasons why and ideas of things they could do there.</p>
<p>Time it! Record start and end times for four or more different activities. Find the elapsed time for each of the activities.</p>	<p>Recording Studio Use a device to record yourself reading. Listen to the recording and think about what sounds good and what you would like to improve. Set a goal about what you would like to change. Record yourself again, trying to sound like the best reader you can be!</p>	<p>Our Changing Earth Write a letter from the point of view of the Earth's surface. Tell about how you have changed throughout the years and are still changing.</p>	<p>Three is the Magic Number! Create a diagram of the three branches of government on a piece of paper. Be sure to explain the roles of each branch of government.</p>
<p>Fair Shares Show how 10 cookies could be shared between 2, 3, and 4 children. Use fractions to name the amount that each child would receive.</p>	<p>Use Your Imagination! Write a story about someone going on an adventure. Use words and pictures to tell about what happens!</p>	<p>All About Plants Draw a plant and label the roots, stems, leaves, and flowers. Explain the function of each part. Bonus: List several ways that plants can be pollinated.</p>	<p>Map It! Draw a map of Virginia and label the regions, water features, and language groups/tribes. Don't forget to also add bordering states and anything else you remember from studying VA geography.</p>
<p>200 = _____ 200 is the answer. What could the question be? Challenge yourself to think of as many equations that equal 200 as you can. Challenge - What if the answer were 2.5?</p>	<p>Keep a Journal Use pictures and words to write about what you do each day. Explain what your favorite part of the day is and why.</p>	<p>It Matters! Write a song or poem to explain how water changes when temperature changes. Bonus: Illustrate the appearance of molecules during the three phases of matter.</p>	<p>Build it! What's your favorite thing you learned in social studies? Use materials around your home to build a model of it.</p>

Winchester Public Schools Distance Learning Experiences

Sixth Grade Choice Board

[\(Return to Menu\)](#)

Directions: Select at least one activity per content column to complete each week.

Math	Reading/Writing
<p style="text-align: center;">Lucky Number 7</p> <p>Write several expressions that are equivalent to 7 using fractions, decimals, integers, and absolute value.</p> <p>Ex: $(4 \times 3) - (5 \times 1)$</p>	<p style="text-align: center;">Curl Up with a Book</p> <p>Choose a book that interests you. Find a comfortable place to read. Then, write a brief review of what you read. Check out reviews on Amazon or GoodReads to see examples. Include how many stars (1-5) you would rate the book and why.</p>
<p style="text-align: center;">Multi-Step</p> <p>Write a 2-step word problem with an illustrated solution.</p>	<p style="text-align: center;">Interview about a Life Story</p> <p>Interview someone you know at home or over the phone about a significant event in their life. Brainstorm questions to ask them, such as: what happened, what led up to this event, what resulted from it, and how it affected them. Jot down notes from the interview and your reactions to what you learned.</p>
<p style="text-align: center;">Coordinate Plane</p> <p>Create a coordinate plane on a piece of paper. Draw a picture on the coordinate plane with at least 10 points. Write them down in the order they should be plotted. Give the points to somebody to graph.</p> 	<p style="text-align: center;">Use Your Imagination!</p> <p>Write a creative story that you could share with family members, friends, or classmates upon your return to school. Think about what genre you want your story to be (mystery, adventure, historical, fantasy, science fiction, etc.). Develop interesting characters and a tricky conflict that needs to be solved. Use descriptive words and imagery to make your story come alive!</p>
<p style="text-align: center;">My Solution is 3</p> <p>Write a one-step equation that has a solution of 3 or a story problem using integers that has a solution of 3. Model your equation or story problem with an illustrated solution.</p>	<p style="text-align: center;">Release Your Curiosity</p> <p>What interests you? What would you like to learn more about? Have you ever wished you could take a class on something special? What questions do you have about this topic? Learn more about it by researching, calling family or friends who might be experts, or making observations about this topic on your own. Collect what you've learned to share when you return to school.</p>

Winchester Public Schools Distance Learning Experiences

Seventh Grade Choice Board

[\(Return to Menu\)](#)

Directions: Select at least one activity per content column to complete each week.

Math	Reading/Writing
<p>Lucky Number 7 Write several expressions that are equivalent to 7. Include values from as many number subsets as possible.</p>	<p>Curl Up with a Book Choose a book that interests you. Find a comfortable place to read. Then, write a brief review of what you read. Check out reviews on Amazon or GoodReads to see examples. Include how many stars (1-5) you would rate the book and why.</p>
<p>Multi-Step Write a 2-step word problem using positive and negative numbers with an illustrated solution.</p>	<p>Interview about a Life Story Interview someone you know at home or over the phone about a significant event in their life. Brainstorm questions to ask them, such as: what happened, what led up to this event, what resulted from it, and how it affected them. Jot down notes from the interview and your reactions to what you learned.</p>
<p>Ordering Write out 4 different numbers and place them in order from greatest to least. Be sure to include rational numbers expressed as integers, fractions (proper and improper), mixed numbers, decimals, percents and those in scientific notation.</p>	<p>Use Your Imagination! Write a creative story that you could share with family members, friends, or classmates upon your return to school. Think about what genre you want your story to be (mystery, adventure, historical, fantasy, science fiction, etc.). Develop interesting characters and a tricky conflict that needs to be solved. Use descriptive words and imagery to make your story come alive!</p>
<p>My Solution is -3, 5 or 7 Write a one-step and two-step inequality that has a solution of -3, 5, or 7. Graph your solution on a number line.</p>	<p>Release Your Curiosity What interests you? What would you like to learn more about? Have you ever wished you could take a class on something special? What questions do you have about this topic? Learn more about it by researching, calling family or friends who might be experts, or making observations about this topic on your own. Collect what you've learned to share when you return to school.</p>

Winchester Public Schools Distance Learning Experiences

Eighth Grade Choice Board

[\(Return to Menu\)](#)

Directions: Select at least one activity per content column to complete each week.

Math	Reading/Writing
<p style="text-align: center;">And the answer is..</p> <p>Using the digits 1 - 9 only once so that the solution is as close to 0 as possible.</p> $\sqrt{\square\square\square\square} - \sqrt{\square\square} - \sqrt{\square}$ <p>From Open Middle Website</p>	<p style="text-align: center;">Curl Up with a Book</p> <p>Choose a book that interests you. Find a comfortable place to read. Then, write a brief review of what you read. Check out reviews on Amazon or GoodReads to see examples. Include how many stars (1-5) you would rate the book and why.</p>
<p style="text-align: center;">Buy it Here</p> <p>Create a word problem that includes tax and tip.</p>	<p style="text-align: center;">Interview about a Life Story</p> <p>Interview someone you know at home or over the phone about a significant event in their life. Brainstorm questions to ask them, such as: what happened, what led up to this event, what resulted from it, and how it affected them. Jot down notes from the interview and your reactions to what you learned.</p>
<p style="text-align: center;">The Chances are...</p> <p>Flip a coin 10, 50, 100 times. Record the results from each trial. How did each experimental result compare to the theoretical?</p> <p>Theoretical Probability is what should happen (50/50 chance landing on heads or tails), experimental probability is what does happen in the experiment.</p>	<p style="text-align: center;">Use Your Imagination!</p> <p>Write a creative story that you could share with family members, friends, or classmates upon your return to school. Think about what genre you want your story to be (mystery, adventure, historical, fantasy, science fiction, etc.). Develop interesting characters and a tricky conflict that needs to be solved. Use descriptive words and imagery to make your story come alive!</p>
<p style="text-align: center;">What's the Point</p> <p>Graph the linear function whose equation is $y = 5x - 1$. Identify the slope and y-intercept.</p>	<p style="text-align: center;">Release Your Curiosity</p> <p>What interests you? What would you like to learn more about? Have you ever wished you could take a class on something special? What questions do you have about this topic? Learn more about it by researching, calling family or friends who might be experts, or making observations about this topic on your own. Collect what you've learned to share when you return to school.</p>

Winchester Public Schools Distance Learning Experiences

All Grades Choice Board

[\(Return to Menu\)](#)

Directions: Select activities to complete each week.

Physical Activity	Art	Family Activities	Family Activities
<p>Activity Plan Create your own weekly exercise plan. Use this plan to exercise 30 minutes a day.</p>	<p>Art Journal Create your own art journal. Be creative!</p>	<p>Family Idol Night Have a singing contest with members of your family.</p>	<p>History Night Parents and grandparents share what it was like when they were young.</p>
<p>Walking Take a walk with the family before and after dinner.</p>	<p>Family Sharing Do an art activity that you did in school with your family.</p>	<p>Scavenger Hunt As a family, plan a scavenger hunt in or around the house.</p>	<p>Picture Night Have a fun photo night with the family.</p>
<p>TV Time Turn TV commercials into fitness breaks.</p>	<p>Collaborative Art Create artwork with your family. Each person of the family draws a piece of the art.</p>	<p>Family Museum What items would you choose to put in a museum if your family had an exhibit. What represents your family?</p>	<p>Clean-up How fast can you clean-up your room? Time yourself each day. Create a graph with your family.</p>
<p>Yard Work Work as a family in the yard.</p>	<p>Be Creative Be creative! Draw, create, build something that you have always wanted to do in school.</p>	<p>A How-To-Night Learn something new together as a family.</p>	<p>Cooking Night Plan a meal with the family. Create a shopping list.</p>
<p>Game Night Create a game that would require physical activity. Play it with your family.</p>	<p>Five Items Collect five items around your house and create a piece of artwork.</p>	<p>Plan a Treasure Hunt Create a treasure map of your house. See how creative you can be!</p>	<p>Satellite Spotting Can you locate satellites in space? They move across the sky and look like tiny stars.</p>
<p>Obstacle Course Create an obstacle course with common household objects.</p>	<p>Our World Look around your house. Find an object and then draw it using different shapes.</p>	<p>Family Game Night Get out your favorite deck of cards or board games and play it with a family member.</p>	<p>I Spy Use your descriptive skills to identify household objects.</p>
<p>Kick the Can Set up a can. Play hide and seek. When you find someone hiding, race them back to see who can kick the can first.</p>	<p>Menu Designers Create a menu and design a logo for a family meal.</p>	<p>Card Shark Learn a new card game together.</p>	<p>20 Questions Play 20 questions with your family. One person selects a person, place or thing. Ask yes and no questions to figure out the answer.</p>
<p>Charades Use hand gestures to describe people, popular movies, characters or books</p>	<p>Architect Challenge Build the tallest object that you can using common household objects. Race a family member to see who can build the tallest.</p>	<p>Fort Build a fort at home with your family.</p>	<p>Create a First Aid Kit As a family, gather and organize items for a home first aid kit.</p>

Winchester Public Schools Distance Learning Experiences

Online Resources

[\(Return to Menu\)](#)

<ul style="list-style-type: none"> • Readyrosie • FDES Student Webpage • QGES Student Webpage • JKES Student Webpage • VACDES Student Webpage 	<ul style="list-style-type: none"> • Lexia Core5 - 5 units per week • Dreambox - 5-7 lessons per week • MyOn • ReadingPlus 	<ul style="list-style-type: none"> • DMIS Student Webpage • DMMS Student Webpage <p><i>All learning activities will be posted in individual teacher Google Classrooms. (If the Google Classroom code is needed, please email your child's teacher).</i></p>
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The table below provides additional links to online resources that you and your child may choose to utilize during the school closure. It is denoted which grade levels these resources are most appropriate.

Resource Link	Grades K-5	Grades 6-8
Discovery Museum - Winchester's Discovery Museum is offering daily activities for families.	x	x
PBS Learning - Interactive activities for all subjects.	x	x
Camp Invention - STEM (Science, Technology, Engineering, Math) activities to do at home with children.	x	x
Lexia learning - Activities for parents to do at home with their children.	x	
Newsela - Free access to Newsela's entire product suite fo the rest of the 2019/2020 school year	x	x
Scholastic - Day-by-day projects to keep kids reading, thinking, and growing.	x	x
Open Middle : Provides puzzles with solutions.	x	x
Bedtime Math - Provides a daily reading topic and different leveled math questions. There is a free app available in English and Spanish.	x	x
Greg Tang Math Spring Challenge - A challenge game board that uses online math games and books.	x	
Math Playground : Provides math games for elementary age students to play.	x	
Kids Discover Online : Access Kids Discover's award-winning library of science and social studies material on any device	x	x
Mystery Science - Mystery Science's most popular science lessons	x	