

5/7/20

Dear Students, Families, and Friends,

The activities on the next several pages were created for you to sharpen your skills, challenge yourself, and explore learning. These are not meant to replace classroom learning and parents are not being asked to replace teachers. If at any time, you are confused about an activity, need some extra support, or maybe just need to talk with someone, our teachers and staff are here for you.

- All teachers keep regular office hours from 9am until noon each school day.
- All teachers and staff can be contacted by email (firstname.lastname@fsd145.org).
- Some teachers also use Remind, Schoology, or Google Classroom to send and receive messages.

For the most current information about our emergency closure and remote learning plans, please visit our website (<https://www.fsd145.org/emergency>) for regular updates. You will always find information sorted by date, so it should be easy to follow the most recent updates.

Take care and stay safe. We'll see you soon,

From all of us here at Freeport School District



Remote Learning Day Student Activities:

May 7	May 11	May 18	Social Emotional Learning (SEL)
May 8	May 12	May 19	Electives
	May 13	May 20	
	May 14		
	May 15		

4th Grade			5/7/20 - 5/20/20
Theme(s)	ELA Skills Focus	Math Skills Focus	Other Skills Focus
Spring	RF.4.4: Fluency	Factors	
Mother's Day	W.4.2: Informative Writing	Comparing Numbers	
		Multiplicative Comparisons	
		Place Value Concepts	

Remote Learning Activities for Students

4th Grade -- May 7th

Parents: Choose two activities from each page each day.

	Math	Reading and Writing	Science/ Social Studies	Extra Challenge
Activity 1 and Instructions	4.OA.4 Factors Write the factors for the following numbers: 1. 10 2. 36 3. 45 4. 24 5. 7	RF.4.4: Oral Fluency With a timer (phone, kitchen timer, etc.), read a page in your book out loud three times to someone at home. As you are reading out loud, work on reading smoothly with expression for one minute.	SS.CV.3.4 Mother's Day Activity - Showing respect to others Cut out a paper flower with five petals. On each petal write one reason your mom is amazing. On the stem of your flower write your name and date.	Mother's Day Coupon Book. Create a coupon book that includes chores, or ways to be helpful around the house (example: clean your room, take out the trash, etc.).
Activity 2 and Instructions	4.OA.4 Prime and Composite Numbers Identify the following numbers as prime or composite. 1. 9 2. 21 3. 11 4. 72 5. 36	W.4.2: Thankful Thursday Challenge Write a letter to someone in your house describing three reasons that you are thankful for that person. Make sure you use proper capitalization and punctuation.		

Be sure to check the specials (Art, Music, PE) and the Social/Emotional Learning pages for more grade specific activities.

Parent Signature: _____

Remote Learning Activities for Students

4th Grade -- May 8th

Parents: Choose two activities from each page each day.

	Math	Reading and Writing	Extra Challenge																																																
<p>Activity 1 and Instructions</p>	<p>(4.OA.4: Prime and Composite Numbers)</p> <p>List all the factors for the numbers 12 and 5.</p> <p>List 3 multiples for the numbers 12 and 5.</p> <p>Write P next to the number if the number is prime or write C if the number is composite.</p> <p>How do you know that the numbers are prime or composite? Explain your answer.</p>	<p>Write a Mother's Day Cinquain Poem to your mom (or grandma, aunt, etc.) Write a Cinquain poem and decorate before giving it to mom for Mother's Day.</p> <p>ccss.w.4.2</p> <p>To write a Cinquain Poem: Line 1: Write a noun. Line 2: Write two adjectives describing the noun on Line 1; Line 3: Write 3 words ending with -ing (action words) that describe what the noun on Line 1 might do; Line 4: Write a phrase describing the noun on Line 1; and Line 5: Write a synonym of the word on Line 1.</p> <p style="text-align: center;">Example: Ice-Cream Cold, delicious Melting, dripping, licking Perfect in Hot Summer Treat!</p>	<p>Multiplication 4 in a Row</p> <p>Materials:</p> <p>-1 Products 4-in-a-Row Record Sheet. (Use the example below) When making the record sheet, it's important to include the products shown on the example, but not important that they are in the same order.</p> <p>-2 game markers to place on the factors (numbers you'll multiply). Paper clips work well</p> <p>Each player needs a different color or type of game marker. Players place these on the record sheet to claim products (the result of multiplying 2 or more numbers).</p> <div style="text-align: center;"> <p>PRODUCTS 4-IN-A-ROW</p> <table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">1</td><td style="border: 1px solid black; padding: 2px;">2</td><td style="border: 1px solid black; padding: 2px;">3</td><td style="border: 1px solid black; padding: 2px;">4</td><td style="border: 1px solid black; padding: 2px;">5</td><td style="border: 1px solid black; padding: 2px;">6</td> <td style="border: none; padding: 0 10px;">Player 1</td> <td style="border: none; padding: 0 10px;">Player 2</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">7</td><td style="border: 1px solid black; padding: 2px;">8</td><td style="border: 1px solid black; padding: 2px;">9</td><td style="border: 1px solid black; padding: 2px;">10</td><td style="border: 1px solid black; padding: 2px;">12</td><td style="border: 1px solid black; padding: 2px;">14</td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">15</td><td style="border: 1px solid black; padding: 2px;">16</td><td style="border: 1px solid black; padding: 2px;">18</td><td style="border: 1px solid black; padding: 2px;">20</td><td style="border: 1px solid black; padding: 2px;">21</td><td style="border: 1px solid black; padding: 2px;">24</td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">25</td><td style="border: 1px solid black; padding: 2px;">27</td><td style="border: 1px solid black; padding: 2px;">28</td><td style="border: 1px solid black; padding: 2px;">30</td><td style="border: 1px solid black; padding: 2px;">32</td><td style="border: 1px solid black; padding: 2px;">35</td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">36</td><td style="border: 1px solid black; padding: 2px;">40</td><td style="border: 1px solid black; padding: 2px;">42</td><td style="border: 1px solid black; padding: 2px;">45</td><td style="border: 1px solid black; padding: 2px;">48</td><td style="border: 1px solid black; padding: 2px;">49</td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">54</td><td style="border: 1px solid black; padding: 2px;">56</td><td style="border: 1px solid black; padding: 2px;">63</td><td style="border: 1px solid black; padding: 2px;">64</td><td style="border: 1px solid black; padding: 2px;">72</td><td style="border: 1px solid black; padding: 2px;">81</td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> </table> <p style="text-align: center; margin-top: 5px;"> 1 2 3 4 5 6 7 8 9 </p> </div>	1	2	3	4	5	6	Player 1	Player 2	7	8	9	10	12	14			15	16	18	20	21	24			25	27	28	30	32	35			36	40	42	45	48	49			54	56	63	64	72	81		
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<p>Activity 2 and Instructions</p>	<p>(4.OA.2: Multiplicative Comparisons)</p> <ol style="list-style-type: none"> 1. Solve the story problem below. 2. Show your thinking with numbers, sketches, or words. 3. Then write an equation that represents your work, and record the answer, labeled with the correct units. <p>Each of the 4 students at the red table has 8 markers. The class has 5 times as many markers as the entire red table. How many markers total does the whole class have?</p>	<p>Mother's Day Interview & Story</p> <p>Ask Mom (or grandma or aunt, etc.) the following questions and then using her answers, write a story about mom. Students, write the answers with Mom's help!</p> <ol style="list-style-type: none"> 1. Mom's name? 2. Favorite Color? 3. Favorite food? 4. Favorite hobby? 5. Favorite holiday? 6. Dream vacation? 7. Mom likes when I? 8. Favorite thing about being a mom? <p>Now- write a story about mom, using her answers and add a picture.</p>	<p>Player 1 puts one of the factor markers on any number, 1–9. (These are the circled numbers in the row at the bottom of the record sheet.) Player 2 puts the other factor marker on a different number. Player 2 multiplies the 2 factors, claims the product on the grid with a marker, and writes a multiplication equation to match on the record sheet or a separate sheet of paper. Ex.- Aunt Elise: I choose 3. Danielle: I choose 6. Let's see, $3 \times 6 = 18$, so I'll put my penny on 18</p> <p>Player 1 chooses one of the factor markers to move to a new circled number, then multiplies the 2 factors to get a new product. Player 1 claims the new product and writes the matching equation. Ex.- Aunt Elise: I'll move the marker from the 3 to the 5. Since 5×6 is 30, I get to put my dime on 30. Key points: ● Players may move only 1 factor marker at a time. ● Both factor markers can be on the same factor. ● If a player chooses a factor that makes a product that is already claimed, the player loses that turn.</p>																																																

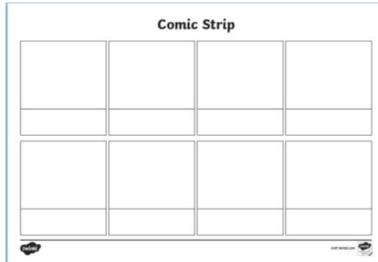
Be sure to check the specials (Art, Music, PE) and the Social/Emotional Learning pages for more grade specific activities.

Parent Signature: _____

Remote Learning Activities for Students

4th Grade -- May 11th

Parents: Choose two activities from each page each day.

	Math	Reading and Writing	Science/ Social Studies	Extra Challenge
Activity 1 and Instructions	<p>4.NBT.2 Austin rolled six 4–9 dice. He arranged the dice and made these 3-digit numbers: 548 and 796.</p> <ol style="list-style-type: none"> 1. What is the sum of Austin’s numbers? 2. What is the difference between Austin’s numbers? 3. What is the largest 6-digit number Austin can make with the numbers he rolled? 4. What is the smallest 6-digit number Austin can make with the numbers he rolled? 	<p>W.4.2 In honor of Mother’s Day, write a letter to a special mother, grandmother, aunt, or a special female in your life expressing all of the reasons you are grateful to have that person in your life. Draw a picture to go along with your letter.</p>	<p>4-PS4-2 Dissolving an eggshell in vinegar</p> <p>Place an egg in a cup and cover with vinegar. Allow the egg to sit in the vinegar for 24 hours. After 24 hours, empty the vinegar and refill with new. Do this for seven days and watch the egg shell dissolve and the egg turn to rubber on the seventh day.</p> <p>DO NOT EAT THE EGG.</p>	<p>Cinco de Mayo was on May 5th. Research the holiday and compare and contrast the holiday with the 4th of July.</p> <p>During your research make a list of 10 words that are relative to Cinco de Mayo. Once your research is complete, take those 10 words and create a word search. Give the word search to a family member to complete.</p>
Activity 2 and Instructions	<p>4.OA.4 Mrs. Carter has 24 square boxes of paperclips. How many different rectangles can she make with the 24 boxes of paperclips? What are the dimensions of each of the different rectangles? Remember factor pairs.</p>	<p>RL4.2/4.3 Read a fictional text of your choice. Draw a 6 box comic strip and illustrate 6 important events that occurred in the story. Be sure to include important details such as characters and setting.</p> <div style="text-align: center;">  </div>		

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Remote Learning Activities for Students

4th Grade -- May 12th

Parents: Choose two activities from each page each day.

	Math	Reading and Writing	Science/ Social Studies	Extra Challenge																								
Activity 1 and Instructions	<p>4.NBT.4 - Add and subtract multi digit whole numbers</p> <p>Last week at the Grab and Go breakfast, Food Service served 486 breakfast sandwiches. This week, they served 538 breakfast sandwiches. How many more breakfast sandwiches did they serve this week?</p> <p>For lunch, food service ordered 6,742 applesauce cups. They served 781 of the cups. How many applesauce cups are left over?</p> <p>Create your own subtraction word problem, and have a family member solve. Check their work to make sure they've done it correctly!</p>	<p>R.I.4.5 Timeline- Describe the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in a text or part of a text.</p> <p>Interview a family member about important events in their life and create a timeline (chronological- place events in order) of their life events. Include pictures if you desire.</p>	<p>Historical Sources and Evidence SS.H.2.4: U</p> <p>Your mission Create an advertisement for a good or service you love. You will need to think about how to sell the goods or service and who will be your target audience. Then, you can make an effective advertisement!</p> <ul style="list-style-type: none"> ● Act.1: Classify items as goods or services and needs or wants. ● Act.2: Make a list of your favorite goods and services in order to write an advertisement for one of them. ● Act.3: Create a coupon or sales flyer for your favorite good or service. ● Act.4: Analyze an advertisement to know where it will be more effective. ● Act.5 Show your kindness and offer to her on mother's day. 	<p>W.4.3 Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.</p> <p>Write a story. Interview a family member about their childhood and write the story as told to you. Don't change the words to make it grammatically correct. Embrace the culture!!</p>																								
Activity 2 and Instructions	<p>4.NBT.3 - Use place value to round multi-digit whole numbers</p> <p>Round each of the numbers in the chart to the nearest ten, hundred, and thousand.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 15%;">Tens</th> <th style="width: 15%;">Hundreds</th> <th style="width: 15%;">Thousands</th> </tr> </thead> <tbody> <tr> <td>986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3,407</td> <td></td> <td></td> <td></td> </tr> <tr> <td>23,831</td> <td></td> <td></td> <td></td> </tr> <tr> <td>390,472</td> <td></td> <td></td> <td></td> </tr> <tr> <td>47,556</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Tens	Hundreds	Thousands	986				3,407				23,831				390,472				47,556				<p>L.4.1.f-Produce complete sentences, recognizing and correcting inappropriate fragments and run-ons.</p> <p>Read statements below and decide if it's a complete (has subject and verb) sentence or a fragment (incomplete sentence) Mark C for complete and F for fragment. If a statement is a fragment then rewrite it to make it a complete sentence.</p> <p>___ My sister and I stayed out too long in the sun. ___ Without a doubt the sun. ___ The sun is bigger than the Earth. ___ Really hot so we all went inside. ___ Sunglasses too.</p>	<p>● Act.1: Classify items as goods or services and needs or wants.</p> <p>● Act.2: Make a list of your favorite goods and services in order to write an advertisement for one of them.</p> <p>● Act.3: Create a coupon or sales flyer for your favorite good or service.</p> <p>● Act.4: Analyze an advertisement to know where it will be more effective.</p> <p>● Act.5 Show your kindness and offer to her on mother's day.</p>	<p>Write a story. Interview a family member about their childhood and write the story as told to you. Don't change the words to make it grammatically correct. Embrace the culture!!</p>
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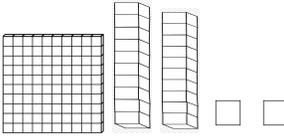
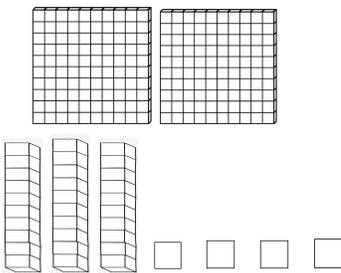
Be sure to check the specials (Art, Music, PE) and the Social/Emotional Learning pages for more grade specific activities.

Parent Signature: _____

Remote Learning Activities for Students

4th Grade -- May 13th

Parents: Choose two activities from each page each day.

	Math	Reading and Writing	Science/ Social Studies	Extra Challenge
<p>Activity 1 and Instructions</p>	<p>CCSS 4. NF.3 Understanding Fractions and Mixed Numbers</p> <ol style="list-style-type: none"> Sketch and label a picture that represents $1\frac{1}{2}$ How many halves are in $\frac{3}{2}$? How many thirds are in $\frac{8}{3}$? How many fourths are in $\frac{7}{4}$? Write each fraction as a mixed number. <ol style="list-style-type: none"> $\frac{5}{2} =$ $\frac{7}{6} =$ $\frac{4}{3} =$ Write each mixed number as a fraction. <ol style="list-style-type: none"> $1\frac{2}{3}$ $1\frac{1}{2}$ $2\frac{1}{4}$ 	<p>R.1.4.5 Timeline- Describe the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in a text or part of a text. Read the parts of the story. They are not in the correct order. Rewrite the sentences in the correct order so the story makes sense.</p> <ul style="list-style-type: none"> Then, add some toppings. When it is done, cut it into slices and eat it. First, get some dough and roll it until it is flat and shaped like a circle, Put some cheese on top of the sauce. The last thing you have to do is cook your pizza. Making a pizza can be easy and fun! After that, add some pizza sauce. 	<p>Agriculture in the Classroom: Did you know that popcorn is an Illinois state snack? There are 333 farms in Illinois that grow popcorn on 47,000 acres. Corn is native to the Americas, probably first cultivated in Mexico about 5,000 years ago; native Americans started growing corn in Illinois about 100 A.D.</p> <p>Can you make popcorn dance? You need vinegar, baking soda, water, unpopped popcorn kernels, a drinking glass or glass jar and something to catch the mess. Put the jar in a large pan to catch the upcoming mess. Put half a glass of water in the drinking glass or glass jar. Put one teaspoon of baking soda in the glass jar and stir. Place uncooked popcorn kernels in the mixture. Add 1 cup vinegar which will create a chemical reaction</p> <p>Watch how popcorn is made: https://www.youtube.com/watch?time_continue=148&v=rldiPSZffc&feature=emb_logo To learn more about corn: http://www.agintheclassroom.org/TeacherResources/AgMags/Corn%20Ag%20Mag%20Smartboard.pdf</p>	<p>Enriching Activities: Meet a popcorn farmer who lives on Popcorn Road by Popcorn Creek in Popcorn, Indiana in this video field trip of a real popcorn farm. Popcorn seeds can be used as food for people, but they can also be sprouted and grown into new plants if given the chance. Explore germination by sprouting corn seeds. Pop popcorn in an air popper. Beforehand, ask your child to predict whether the popped popcorn will weigh more or less than the popcorn kernels. Weigh the kernels in a bowl before popping and the popcorn in the same bowl after popping. The popped popcorn will weigh slightly less than the kernels. Explain that this is because the moisture inside the kernel escapes as steam when the popcorn pops. Add a little butter and salt to the popcorn to enjoy as a family snack.</p>
<p>Activity 2 and Instructions</p>	<p>CCSS: 4. NF.7 Understand decimal notation for fractions.</p> <ol style="list-style-type: none"> Sketch base ten pieces to show the value of each number. <ol style="list-style-type: none"> 3.18 4.68 2.76 Write a decimal number for each of the base ten pictures below: <p>A.</p>  <p>B.</p>  	<p>W.4.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.</p> <p>Choose one of the following narrative writing prompts to respond to:</p> <p>Choice 1 - Go back in time to the first day of school, and write a letter to yourself describing three of the things you will learn this year and why they're important.</p> <p>Choice 2 - Imagine that you're an object in the classroom (i.e., desk, pencil sharpener, whiteboard, etc.), and write a story about the things that happened during the school year from the perspective of that object.</p> <p>Choice 3 - You're working as a school custodian. It's the last day of school, and you enter the school gymnasium. Write a story about what you find and what happens next.</p>	<p>W.4.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.</p> <p>Choose one of the following narrative writing prompts to respond to:</p> <p>Choice 1 - Go back in time to the first day of school, and write a letter to yourself describing three of the things you will learn this year and why they're important.</p> <p>Choice 2 - Imagine that you're an object in the classroom (i.e., desk, pencil sharpener, whiteboard, etc.), and write a story about the things that happened during the school year from the perspective of that object.</p> <p>Choice 3 - You're working as a school custodian. It's the last day of school, and you enter the school gymnasium. Write a story about what you find and what happens next.</p>	<p>W.4.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.</p> <p>Choose one of the following narrative writing prompts to respond to:</p> <p>Choice 1 - Go back in time to the first day of school, and write a letter to yourself describing three of the things you will learn this year and why they're important.</p> <p>Choice 2 - Imagine that you're an object in the classroom (i.e., desk, pencil sharpener, whiteboard, etc.), and write a story about the things that happened during the school year from the perspective of that object.</p> <p>Choice 3 - You're working as a school custodian. It's the last day of school, and you enter the school gymnasium. Write a story about what you find and what happens next.</p>

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Remote Learning Activities for Students

4th Grade -- May14th

Parents: Choose two activities from each page each day.

	Math	Reading and Writing	Science/ Social Studies	Extra Challenge
Activity 1 and Instructions	<p>4.NBT.2</p> <p>Compare the following number sets. Use <, >, or =.</p> <p>123,546 _____ 123,465</p> <p>45,891 _____ 4,591</p> <p>7,123 _____ 17,123</p> <p>578,934 _____ 577,934</p> <p>67,354 _____ 76,543</p>	<p>4.W.4.2</p> <p>Think about Spring. Write a paragraph about two of the things you know about the season. Create a diagram to explain the topic of your paragraph.</p>	<p>SS.H.1.4</p> <p>Anna Jarvis invented Mother's Day in 1908. She worked to have Mothers across the United States recognized for their hard work. She was so successful that Mother's Day was made an official holiday by the United States in 1914. In the early 1920's Ms. Jarvis was disappointed that florists were using Mother's Day to sell flowers and card makers sold Mother's Day cards. Ms. Jarvis thought the holiday should be celebrated by writing your mother a letter or going to visit your mother. She spent the rest of her life fighting to have florists and card makers stop selling items for Mother's Day.</p>	<p>Nim Game</p> <p>Materials: any group of small items (buttons, paper clips, legos, etc.)</p> <p>Directions: Gather your items and place them between the players.</p>
Activity 2 and Instructions	<p>4.OA.2 - Multiplicative Comparisons</p> <p>Solve the story problems:</p> <p>1) A library checks out four fiction books and two non-fiction books an hour. How many times more fiction books do they check out than non-fiction books?</p> <p>_____</p> <p>2) There were twenty-one adults in line at a movie theater. That is three times the number of children in line. How many children were in line?</p> <p>_____</p> <p>3) A restaurant sold eight times as many salads as they sold steaks. If they sold four steaks, how many salads did they sell?</p> <p>_____</p> <p>4) A restaurant sold nine salads and forty-five steaks. How many times as many steaks did they sell as salads?</p> <p>_____</p>	<p>4.RF.4.4 Fluency</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">  <p>Spring is the time when _____ (adjective)</p> <p>_____ grow in all sorts of colors (plural noun)</p> <p>like _____, _____, and _____ (color) (color) (adjective)</p> <p>_____ falling (color) (noun)</p> <p>from _____ in the spring, and that (place)</p> <p>_____ helps flowers _____ (noun) (verb)</p> <p>Flowers can grow on trees, _____, (plural noun)</p> <p>or _____ . Spring flowers help (plural noun)</p> <p>bees make _____ and are a food (food)</p> <p>source for hummingbirds and other (adjective) (animals)</p> <p><small>©Wisc.com. All Rights Reserved</small></p> </div>	<p>Do you think she was right to ask florists and card makers to stop selling Mother's Day items? Why or Why not? Write a paragraph to explain your answer and discuss it with someone at home.</p>	<p>Decide the range of numbers or items, for example 1-3, players pick up each turn.</p> <p>Players take turns picking up items from the center pile.</p> <p>The objective of the game is to have your opponent take the last item.</p> <p>To keep playing add items to your starting pile or make two (or more) center piles to take items from.</p> <p>Think of other ways to play and compare your results.</p>

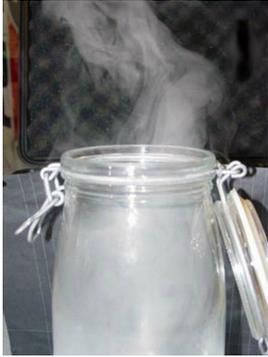
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Remote Learning Activities for Students

4th Grade -- May 15th

Parents: Choose two activities from each page each day.

	Math	Reading and Writing	Science/ Social Studies	Extra Challenge
Activity 1 and Instructions	<p>4.OA.4 Multiples</p> <p>Write the first 5 multiples of the following numbers:</p> <ol style="list-style-type: none"> 1. 5 2. 3 3. 2 4. 9 5. 10 	<p>W.4.2: Informative Writing</p> <p>Write an informational paper explaining how to be a good student, behaviorally and academically. Make sure you use proper capitalization and punctuation.</p>	<p>4-PS4-2</p> <h2 style="text-align: center;">Watch The Fog Roll In.</h2> 	 <p>How to Make a Weathervane You Need: Old business card, Straw, Ruler, Scissors, Clear tape, Pencil, Stickpin, 1 liter plastic bottle, Sand, Compass, Black permanent marker What to Do:: 1. Start by researching with your child what a weathervane is and what purpose it serves 2. Help your child gather the materials needed to create his/her own weathervane. Offer assistance cutting the liter bottle in half if necessary 3. Cut a triangle out of the front and back ends of the weathervane. Trim the straw so it is 6 inches long. If the straw has a flexible end, make sure it's the end that is cut. 4. Cut slits into both ends of the straw, about half an inch deep horizontally, and slide the cut card onto each end. Secure each of the ends with a small piece of clear tape. 5. Using a pencil and stick pin use the ruler to find the middle of the straw. Position the pencil under the straw and secure the two together with the stickpin creating to top of his weathervane! 6. To create the weathervane base, cut the bottom of the plastic bottle with some sand, and firmly stick the pencil weathervane into the center of the sand. 7. Place weathervane in a windy spot and observe how it moves with the wind. Guess which direction the wind's blowing, and then use a compass to check your guesses. Use a permanent marker to write the directions on the side of the plastic bottle.</p>
Activity 2 and Instructions	<p>4.OA.4 Prime and Composite Numbers</p> <p>Identify a prime and composite number and explain why that number is prime or composite.</p> <p>Prime Number: _____</p> <p>Why: _____ _____ _____ _____ _____ _____</p> <p>Composite Number: _____</p> <p>Why: _____ _____ _____ _____ _____ _____</p>	<p>RF.4.4: Reading Fluency</p> <p>RF.4.4: Oral Fluency With a timer (phone, kitchen timer, etc.), read a page in your book out loud three times to someone at home. Time yourself each time. Notice how your pace increases with practice. Don't forget, as you are reading aloud, to remember to use expression.</p>	<p>What you need: Glass jar, small strainer, water, ice cubes.</p> <p>What to do: Fill the jar completely with hot water for about a minute. Pour out almost all the water, leaving about 1 inch in the jar. Place the strainer over the top of the jar. Place 3-4 ice cubes in the strainer. As the cold air from the ice cubes collides with the warm, moist air in the bottle, the water will condense and fog will form.</p>	

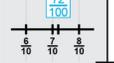
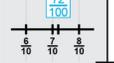
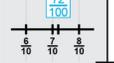
Be sure to check the specials (Art, Music, PE) and the Social/Emotional Learning pages for more grade specific activities.

Parent Signature: _____

Remote Learning Activities for Students

4th Grade -- May 18th

Parents: Choose two activities from each page each day.

	Math	Reading and Writing	Science/ Social Studies	Extra Challenge														
Activity 1 and Instructions	<p>4.OA.2: Solve story problems using multiplication strategies</p> <p>Solve the story problem below. Choose 2 models from the list below to represent and solve.</p> <p><i>Make sure to show your work.</i></p> <p>Strategies:</p> <ol style="list-style-type: none"> 1. an open number line 2. a ratio table 3. a tile array 4. an area model <p>The kids at table E have 9 pencils in the supply box they share. The kids at table F have three times that many pencils in their supply box. How many pencils do the kids at table F have in their supply box?</p>	<p>W.4.3 Narrative Writing Spring Fever!</p> <p>Write your own cure for Spring Fever. Feeling a little feverish from being stuck at home, inside, not getting out? Write your own prescription for how to cure Spring Fever. What will you need? Time outside playing? How long? Spring cleaning? Pool party? Let us know what you're prescribing to cure Spring Fever!</p> <div style="text-align: center;">  Rx </div> <p>Prescription for _____ Date _____</p> <p>Action: _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: right; font-size: small;">(Doctor's Signature)</p>	<p>SS.G.1.4</p> <p>Making Words</p> <p>Create as many words as you can out of the letters in:</p> <p>Mississippi River</p> <p>Try to make all words at least three letters or more!</p> <p>Then, use the words to write a paragraph to describe what you know about the Mississippi River.</p> <p>Some facts about the River:</p> <ul style="list-style-type: none"> • The Mississippi River begins off of Lake Itasca in Minnesota and flows south all the way to the Gulf of Mexico. • Some Nicknames: <ul style="list-style-type: none"> → The Big Muddy → The Mighty Mississippi → Big River • The River is home to 260 species of fish and 326 species of all North American birds, just to name some species. • The Mississippi River is 2,340 miles long. 	<p>Parent Questionnaire</p> <p>~How does your child feel about school? ~How long does your child usually spend reading each night? ~How often does your child practice sight words? ~What is your child's favorite subject? ~What subject is most challenging for your child? ~What does your child enjoy doing after completing school activities? ~What friend does your child talk about the most?</p> <p>Which one Doesn't Belong?</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <table style="border-collapse: collapse;"> <tr> <td style="border: 1px solid black; text-align: center; font-size: small;">A</td> <td style="border: 1px solid black; text-align: center; padding: 10px;">$\frac{7}{10}$</td> <td style="border: 1px solid black; text-align: center; font-size: small;">B</td> </tr> <tr> <td style="border: 1px solid black;"></td> <td style="border: 1px solid black; text-align: center; padding: 10px;">$\frac{7}{10} + \frac{2}{100} = \frac{72}{100}$</td> <td style="border: 1px solid black;"></td> </tr> <tr> <td style="border: 1px solid black;"></td> <td style="border: 1px solid black; text-align: center; padding: 10px;">0.72</td> <td style="border: 1px solid black;"></td> </tr> <tr> <td style="border: 1px solid black; text-align: center; font-size: small;">C</td> <td style="border: 1px solid black; text-align: center; padding: 10px;">  </td> <td style="border: 1px solid black; text-align: center; font-size: small;">D</td> </tr> </table> </div> <p style="margin-top: 20px;"> • A doesn't belong because _____ • B doesn't belong because _____ • C doesn't belong because _____ • D doesn't belong because _____ </p>	A	$\frac{7}{10}$	B		$\frac{7}{10} + \frac{2}{100} = \frac{72}{100}$			0.72		C		D		
A	$\frac{7}{10}$	B																
	$\frac{7}{10} + \frac{2}{100} = \frac{72}{100}$																	
	0.72																	
C		D																
Activity 2 and Instructions	<p>4.OA.2: Using multiplication strategies</p> <p>Complete the following ratio table:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 50%;">Number of Students</th> <th style="width: 50%;">Number of Folders</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>6</td> </tr> <tr> <td>2</td> <td style="background-color: #cccccc;"></td> </tr> <tr> <td>4</td> <td>24</td> </tr> <tr> <td>5</td> <td style="background-color: #cccccc;"></td> </tr> <tr> <td style="background-color: #cccccc;"></td> <td>60</td> </tr> <tr> <td>11</td> <td style="background-color: #cccccc;"></td> </tr> </tbody> </table>	Number of Students	Number of Folders	1	6	2		4	24	5			60	11		<p>W.4.4 Develop clear and coherent writing Show Don't Tell</p> <p>Use words to create an image in the reader's mind. Change the following sentences so that the details add description and create an image in the reader's mind.</p> <p>Ex.-Instead of saying, "<i>Tigger was frightened.</i>" The writer could say: "<i>His entire body was shaking like a leaf and he was holding onto his tail.</i>"</p> <ol style="list-style-type: none"> 1.His voice sounded frightened. 2.She was excited. 3.Her face looked happy. 4.He was angry. 5.She is sad. 		
Number of Students	Number of Folders																	
1	6																	
2																		
4	24																	
5																		
	60																	
11																		

Be sure to check the specials (Art, Music, PE) and the Social/Emotional Learning pages for more grade specific activities.

Parent Signature: _____

Remote Learning Activities for Students

4th Grade -- May 19th

Parents: Choose two activities from each page each day.

	Math	Reading and Writing	Science/ Social Studies	Extra Challenge
Activity 1 and Instructions	<p>4.NF.2 Write a greater than (>), less than (<), or equal sign(=) to complete each equation below.</p> <ol style="list-style-type: none"> 1. $\frac{1}{4} < \frac{1}{2}$ 2. $\frac{2}{3} \quad \frac{3}{5}$ 3. $\frac{2}{5} \quad \frac{5}{8}$ 4. $\frac{3}{5} \quad \frac{2}{5}$ 5. $\frac{3}{5} \quad \frac{4}{5}$ 	<p>W.4.2 Now that the end of the school year is approaching it's time to start thinking about what you would say to classmates and your teacher before summer begins. Write a letter to your classmates stating what you enjoyed about the school year. Reflect on and share some of your favorite activities or moments.</p>	<p>4-PS4-3</p> <p>Create your own sundial.</p> <p>Find something that you can easily stand a pencil up with like playdoh (picture shown is clay). Use stones or small objects to mark each hour, 9:00am through 4:00pm. Write about your experience with your homemade sundial.</p> 	<p>Create a video of you reading to a family member. Explain why you chose the book you did. Challenge yourself to bring the characters to life by reading with fluency and expression.</p>
Activity 2 and Instructions	<p>4.NBT.2 The Music Academy was founded in 1847.</p> <ol style="list-style-type: none"> a) In what year was the academy 95 years old? b) In what year was the academy 150 years old? c) In what year will the academy be 275 years old? 	<p>RL/RI4.10 Select a book to read that is a different genre than you normally read (ex. Poetry, biography, informational, mystery, etc.) After reading the book for 20-30 minutes, answer the following questions.</p> <ol style="list-style-type: none"> 1. Did you like the new genre? Why or why not? 2. Would you read another book in this genre? Why or why not? 	<p>Write about your experience with your homemade sundial.</p>	<p>Extra Challenge</p> <p>Send your video to your teacher!</p>

Be sure to check the specials (Art, Music, PE) and the Social/Emotional Learning pages for more grade specific activities.

Parent Signature: _____

Remote Learning Activities for Students

4th Grade -- May 20th

Parents: Choose two activities from each page each day.

	Math	Reading and Writing	Science/ Social Studies	Extra Challenge
Activity 1 and Instructions	<p>4.OA.3 - Solve word problems involving interpreting a remainder</p> <p>Solve the problems below using labeled sketches, numbers, and/or words to solve this problem. Show your work on scratch paper.</p> <ol style="list-style-type: none"> Belle and Eli's grandpa gave them \$19 to spend at the store. If they split the money evenly, how much did they each get to spend? Kylie had 42 stickers that she wanted to share with her 4 friends. If she gave each friend the same number of stickers (and kept the same number of stickers for herself), how many stickers did each person get? 	<p>W.4.2-Write informative/explanatory texts to examine a topic and convey ideas and information clearly.</p> <p>Informative Writing How to Bake/ Make your favorite dessert. (Ask an adult to help you make it so your steps are accurate)</p> <p>Write a step by step (recipe) on how to make your favorite dessert. Include the name of the dish Ingredients Steps on how to make it Whether dessert needs to be refrigerated or can be left out.</p>	<p>W.4.7 Conduct short research projects that build knowledge through investigation of different aspects of a topic. During a recent field trip, your class discovered a time machine that lets you go back and forth between the past and the present.</p>	<p>4.NF.4/4.OA.3</p> <p>Give this math challenge a try!</p> <p>Olivia's grandma lives 36 blocks up the street from her house. On Saturday, Olivia rode her bike two-thirds of the way to her grandma's house and then realized she forgot the flowers she was going to give her grandma. Olivia rode back to her house, got the flowers, and rode all the way to her grandma's house. Then she rode straight home. How many blocks did Olivia ride altogether?</p> <p>Use labeled sketches, numbers, and/or words to solve this problem, and be sure to show all your work.</p>
Activity 2 and Instructions	<p>4.OA.2 - Multiplicative Comparisons</p> <p>Solve the following problems involving multiplicative comparisons.</p> <ol style="list-style-type: none"> A baseball costs \$8. A soccer ball costs 3 times as much as the baseball. How much does the soccer ball cost? Mariah is 9 years old. Her grandma is 6 times as old as she is. How old is her grandma? A cupcake at the bakery costs \$3. If you buy a dozen cupcakes, you pay 10 times as much. How much does a dozen cupcakes cost? Your turn! Write and solve your own multiplicative comparison problem. 	<p>R.I.4.5 Cause and Effect- Describe the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in a text.</p> <p>Comets are sometimes called dirty snowballs because they're made from dirt, dust and ice. Comets have huge orbits that take them far away from the sun. As a comet orbits closer to the sun, it heats up and vaporizes releasing gases that creates the comet's tail. A comet's tail can be millions of kilometers long.</p> <p>What causes a comet to form a tail?</p> <p>What do you think happens to the tail when it's far away from the sun? Why do you think this?</p>	<p>You will write an informational paragraph about how our lives are different from the past and how they are the same.</p> <p>Some ideas: 1. Talk about how schools, work, transportation, clothing, games and holiday celebrations have changed over time. 2. Create a timeline and show your travels back and forth.</p>	

Be sure to check the specials (Art, Music, PE) and the Social/Emotional Learning pages for more grade specific activities.

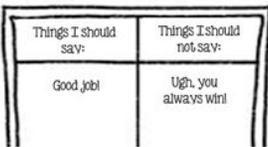
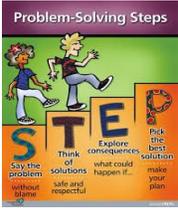
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Remote Learning Activities for Students

4th Grade -- (SEL) Theme: Problem Solving/Conflict Resolution

The columns below offer choices for student activities for any day.

Social Emotional Learning Choice Board aligns with standards 2D.1a Identifies problems and conflicts and 2D.1b Applies problem solving steps to constructively resolve problems and conflicts.

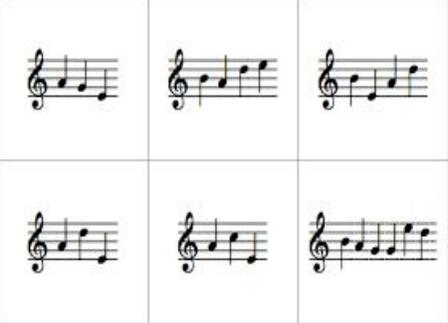
<p align="center">Play a Game</p> <p>Playing games with peers/family involves learning to get along and figuring out rules together.</p>  <p>Talk about ways you figured out how to resolve a conflict.</p> <p>Write or draw about it.</p>	<p align="center">Take these scenarios and brainstorm how you can solve them:</p> <ol style="list-style-type: none"> 1. My homework is not complete. 2. I didn't eat my breakfast. 3. I haven't brushed my teeth 4. My lunch isn't packed 5. My backpack is not ready. 	<p align="center">WHAT SHOULD I SAY? WHAT SHOULDN'T I SAY?</p> <p>When you are having a conflict with a peer or family member, there are things you should and should not and say. Make a chart like the one below.</p> 
<p>Sometimes asking for help can be a hard thing to do, but it is a skill we must all learn. When we have help we are more successful and get frustrated less. Use the following scenarios to practice asking for help in an assertive way. Look at the person you are talking to, sit/stand up straight, use a respectful, clear, and calm voice. The best and easiest time to ask for help is before you become frustrated.</p> <p>Example: You are having trouble finding your favorite shirt.</p> <p>Ask for help: Dad, can you please help me find my blue shirt with the dinosaur on it? I have looked in my dresser and under my bed and I cannot find it.</p> <p>Scenarios:</p> <ul style="list-style-type: none"> ★ You are not understanding a math assignment. ★ You need to clean your room, but the mess is overwhelming. ★ Your siblings keep bugging you even though you have asked them to stop. ★ You can't figure out how to play a game you really want to play. 	<p align="center">SCALE THE PROBLEM</p> <p>When you have a problem, think to yourself, "How big is this problem?"</p> <p>Use self-talk. Is this a small, medium or big problem?</p> <p>Small Problem Will this even matter in an hour? Can I move on with my day? Can I ignore it?</p> <p>Medium Problem Do I need to talk to someone about this? Will I be unable to move on if this doesn't get resolved?</p> <p>Big Problem Is someone in danger? Have I tried multiple times to resolve this? Do I need to get an adult to help me?</p> <p>Think? How big is my problem? Can I handle it by myself, or do I need an adult to help me?</p> <p>Read the situations and scenarios already listed on this choice board. Sort them into the 3 areas; small, medium, and big problems.</p>	<p align="center">THINK OF POSITIVE WAYS YOU CAN SOLVE THE FOLLOWING PROBLEMS.</p> <ul style="list-style-type: none"> ★ You bumped a family members workspace and their items fell on the floor. ★ When you were eating lunch your drink spilled all over a family member's things. ★ You pulled a book off of your bookshelf and a second book fell off of the shelf hitting a family member in the head. ★ You were trying to put a family member's artwork on the refrigerator and a corner of the paper tore. 
<p align="center">CONTROL OR NO CONTROL</p> <p>In life, there are things you can control and things you cannot control. You can control yourself, your thoughts, your feelings, and your actions.</p> <p>Some things you do not have control over right now are having to stay home, what you get to eat for dinner, and/or who you get to play with.</p> <p>Draw pictures or make a list of things you can control on one piece of paper and on another piece of paper draw pictures or make a list of the things you do not have control over.</p> <p>Discuss the things you can't control with someone and see if they can help you solve any problems you have on that paper. Then put the paper of things you can control on top of the other paper and put it somewhere you will see it. Focusing on what you can control will help you have a positive attitude and remind you of all of the wonderful things in your life.</p>	<p>When you are trying to solve a problem it is important for you to communicate in an assertive way. Look at the person you are talking to, sit/stand up straight, use a respectful, clear, and calm voice. Use the scenarios below to practice using assertive communication.</p> <p>Example: Your family member took your favorite book without asking and a page got ripped.</p> <p>Assertive Response: I am upset that you ripped a page in my favorite book. Next time, please ask if you can borrow my book before taking it and please take care of it while you are reading it.</p> <p>Scenarios:</p> <ul style="list-style-type: none"> ★ A family member has been watching tv for an hour and you would like a turn to watch a show you like. ★ You do not like what was made for supper. ★ Your sibling pushed you down on purpose. ★ A family member is being too loud of you to concentrate on your work. ★ A family member ate the last piece of your favorite candy. 	<p align="center">It's OK to Fail</p> <p>Children need to know it is okay to fail. By having an open dialogue with your child, they will have more confidence in making decisions, making it ok to fail and to try again.</p> <div style="background-color: red; color: white; padding: 5px; text-align: center;">HUDDLE UP QUESTION</div> <div style="background-color: black; color: white; padding: 10px; text-align: center;"> <p>Huddle up with your kids and say, "Growing up, one of the biggest problems I had to solve was... I was able to solve it by..."</p> </div> <p>Have a good conversation about this. Draw or write about what you discussed.</p>

Parent Signature: _____

Remote Learning Activities for Students

4th Grade -- (Electives)

The columns below offer choices for student activities for any day.

Art	Music	PE/Health
<p>VA:Cr2.2.4a Draw a costume design that incorporates a mask. Include a feature that allows for social or physical distancing.</p> <p>Examples:</p> 	<p>MU:Cr.10.1 Think up some very good questions to ask your family about their favorite songs/music. Why do they like the music they listen to? Have they ever played an instrument? Interview them and find out more!</p>	<p>State Goal 22 Brushing Teeth Checklist</p> <ol style="list-style-type: none"> 1.Wet toothbrush 2.Squeeze toothpaste onto toothbrush 3.Brush your teeth 4.Spit the toothpaste into the sink 5.Rinse toothbrush and your brush 6.Smile <p>Design your own checklist to help you remember your brushing teeth checklist.</p> <p>What happens to your teeth when you don't brush them?</p> <p>Don't forget to brush at least two times a day, for two minutes each time.</p>
<p>VA:Cr1.1.4a; VA:Cr2.2.4a Cut out a few faces from a picture in a newspaper, magazine, or old photograph (with adult permission). Glue the person or animal face onto a paper (tape it or place it if glue is not available). Then draw different animal bodies below each face.</p> <p>Challenge:Create all the drawings on one piece of paper and add a background to create a cohesive image.</p> <p>Example:</p> 	<p>MU:Pr.4.1c Spell out these treble clef words by using the lines and space letters. Lines=E G B D F (Empty Garbage Before Dad Flips) Spaces= F A C E</p> 	<p>State Goal 19 Skittles Workout, you will need a regular size bag of skittles. Take one skittle out of the bag at a time and perform the exercise and repetitions listed below for the color! Red: 5 pushups Orange: 8 Sit-ups Yellow: 10 Squats Green: 15 Jumping Jacks Purple: Run 1 Lap. Figure out where you're running to before you start, some examples for distances to run are: Run across your yard, around the kitchen table, to a street sign and back....How fast can you get through the whole bag of skittles! MAKE SURE YOU ARE NOT CHEWING SKITTLES WHILE PERFORMING THE EXERCISES**If you do not have skittles make your own by coloring red, orange, yellow, green, and purple dots or circles on a piece of paper. Now tear those dots/circles into their own piece of paper. Be sure to make enough of each color.</p>
<p>VA:Cr2.2.4a Keith Haring is a famous artist. He is known for his outlines of people in motion and hearts. Create a drawing of a stamp that includes at least one outline of a person and a heart.</p> <p>Challenge: Use a computer to create your design.</p> <p>Drawing Example:</p>  <p>Challenge Example:</p>	<p>MU:Cr.11.1 Go on a sound walk outside. Try to pick out any sound that could be considered musical-birds singing, cars rumbling past, the wind whistling through the Trees. Find the beauty of nature's music.</p> <p>If you have electronic access, you'll enjoy experimenting on these links: http://sfskids.org/ https://www.classicsforkids.com/ https://musiclab.chromeexperiments.com/ http://www.themusicinteractive.com/kbe/Chromebook/index.html</p>	<p>20.A.1b Activity: All About Muscular Strength Muscular strength is a health related fitness concept that we practice at school during P.E. Muscular strength is your ability to push, pull, and lift heavy objects! We practice muscular strength by performing Push-Up Holds. Can you perform a Push-Up Hold for 30 seconds? We work on muscular strength because it is super helpful for a lot of different jobs and activities outside of school, such as Construction workers or nurses. Besides doing Push-Up Holds, what other exercises can you think of that would increase our muscular strength? Can you try them at home? What other jobs can you think of that would require lots of muscular strength?</p>

Parent Signature: _____