Math Extension Activities: Week 7, May 4th-8th

|  | Name of Activity | Description | Link |
| :---: | :---: | :---: | :---: |
| 1 | Neighborhood Numbers | You can have a mathematical conversation about the numbers on the houses and apartments around you. How many different questions can you answer? | https://www.youcubed.org/resources/neigh borhood-numbers-k-5-video/ |
| 2 | Factors and Multiples Game | Use your knowledge of factors and multiples to create the longest chain you can! Play with a partner or on your own. | https://nrich.maths.org/factorsandmultiples |
| 3 | Super Shapes | Discover values for unknowns (red shapes) by using known values to guess and check. | https://nrich.maths.org/content/01/05/penta 3/SuperShapes2b.pdf |
| 4 | What is Ziffle? | There's a planet out in space called Zargon. See if you can figure out what a ziffle is based on what numbers are given to you. | https://nrich.maths.org/951 |
| 5 | HBS Math Support Weekly Posts | Hands-on Math Thinking choices from our wonderful HBS Math Support Teachers. | http://www.brunswick.k12.me.us/jclark/ |

Math Extension Activities: Week 8, May 11th-15th

|  | Name of Activity | Description | Link |
| :---: | :---: | :---: | :---: |
| 1 | What's Going on Outside Your Window? | Pick a time window: It can be 5 minutes or all day long, and keep an eye out for what happens. Are people walking by? Birds hanging out? How many trees can you see? Find a way to visualize the information you collect. Maybe a timeline or a chart? Be your most creative self! | https://www.youcubed.org/resources/wh ats-going-on-outside-your-window-k-12video/ |
| 2 | Abundant Numbers | To find the factors of a number, you have to find all the pairs of numbers that multiply together to give that number. See if you can find some more abundant numbers! | https://nrich.maths.org/1011 |
| 3 | Factor Lines | Arrange the four number cards on the grid to make a diagonal, vertical or horizontal line. In how many different ways can you do it? Can you use a strategy that you haven't tried before? | https://nrich.maths.org/1138 |
| 4 | Perfect Pair | Each shoe represents a digit ( $0,1,2,3,4,5,6$, $7,8,9$ ). The style of shoe always represents the same digit in all of the number sentences. Examine the number sentences and find the value of each shoe. | https://www.insidemathematics.org/sites/ default/files/materials/perfect\%20pair.pd f *Print/display page 4 (it says Level B at the top) |
| 5 | HBS Math Support Weekly Posts | Hands-on Math Thinking choices from our wonderful HBS Math Support Teachers. | http://www.brunswick.k12.me.us/jclark/ |

Math Extension Activities: Week 9, May 18th-22nd

|  | Name of Activity | Description | Link |
| :--- | :--- | :--- | :--- |
| $\mathbf{1}$ | Dividing a Cake | Figure out how Annie cut the cake. Where were <br> the cuts and what fraction of the whole cake <br> was each piece? | https://nrich.maths.org/1102 |
| $\mathbf{2}$ | Sidewalk Chalk <br> Designs | Connecting art and math this activity can be fun <br> for the whole family! Working in the outdoor <br> space you have, create designs with tape and <br> chalk. | https://www.youcubed.org/resources/sid <br> ewalk-chalk-designs-k-12-video/ <br> $\mathbf{3}$ Chocolate |
| $\mathbf{4}$ | This challenge is about chocolate. There's a <br> room in your school that has three tables in it <br> with plenty ofspace for chairs so go oround. can <br> you figure out how much chocolate will be <br> shared? | https://hrich.maths.org/34 |  |
| $\mathbf{5}$ | Countdown <br> HBS Math Support <br> Weekly Posts | The challenge is to use the numbers available <br> and the four standard operations (addition, <br> subtraction, maltiplication and division) to hit <br> the target. Can you do it? | https://hrich.maths.org/6499 |

Math Extension Activities: Week 10, May 25th-29th

|  | Name of Activity | Description | Link |
| :--- | :--- | :--- | :--- |
| $\mathbf{1}$ | Three Squares | What is the greatest number of squares you <br> can make by overlapping three squares of the <br> same size? | https://hrich.maths.org/143 |
| $\mathbf{2}$ | Remainders | Can you figure out the mystery numbers based <br> on their multiples? | https://hrich.maths.org/1783 |
| $\mathbf{3}$ | Game of Hex | Take turns filling in hexagons in an 11-by-11 <br> grid to connectyour sides of the board. Who in <br> your family will become the Hex champion? | https://www.youcubed.org/resources/ga <br> me-of-hex-3-12/ |
| $\mathbf{4}$ | Teddy Town | Can you put each teddy into a house so that <br> the four combinations are all different from <br> each other? | https://hrich.maths.org/content/02/05/bb <br> prob1/Teddy\%20Town\%20new\%20road <br> show\%20resource.pdf |
| $\mathbf{5}$ | HBS Math Support <br> Weekly Posts | Hands-on Math Thinking choices from our <br> wonderful HBS Math Support Teachers. | http://www.brunswick.k12.me.us/jclark/ |

