

Braintree Public Schools

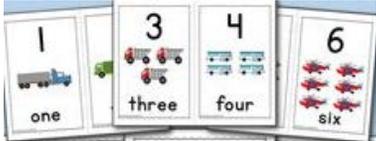
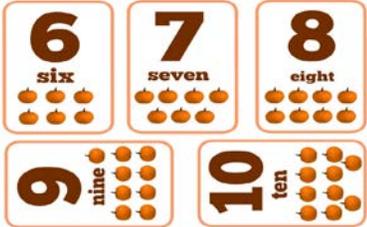
# Summer Math Enrichment

for

## Students Entering Kindergarten

These optional enrichment activities have been created for students who wish to continue practicing and developing their math skills throughout the summer. These activities are completely optional. However, we are certain that every student would benefit from working on these assignments throughout the summer.

Thank you for all of your support and effort with your children this year. It takes a mathematical community to develop an eager, confident math learner (*Teaching Children Mathematics* © 2013 [National Council of Teachers of Mathematics](#)). Here in Braintree, we are building a Math Village!

<p>How many days in your summer?</p> <p>Write 3 new things you want to do this summer.</p>	<p>Play a board game with a partner.</p> 	<p>Keep a log.</p> <p>How many family members have you seen this summer?</p> <p>How old are they? Put them in order from youngest to oldest.</p>	<p>Write the names of the people in your house. Count the letters in each.</p> <p>Which name has the most letters? Which name has the least or fewest letters?</p>	<p>Make a clock face with a paper plate. Write 12 at the top, 6 at the bottom and then fill in the rest of the numbers. Add hands if you want!</p> 
<p>Write the numbers 1-5. Draw objects to match each number.</p> 	<p>Write the numbers 6-10. Draw objects to match each number.</p> 	<p>Draw or print five -frames and show the numbers 1 – 5 in different ways.</p> 	<p>Use objects to practice adding and subtracting within 5.</p> <p>Ex. Three pencils and one more pencil <i>is</i> four pencils. Five teddy bears and two hide under the blankets <i>is</i> three teddy bears.</p>	<p>Count how many times you can jump for 1 minute.</p> 
<p>Use cards or dice to choose a number. Then write the number, draw the number on a five -frame, draw the number as it would show on dice.</p> 	<p>Using an object, play a game with a partner describing the object as above, below, beside, in front of, behind and next to.</p> <p>Ex. the banana is above the rabbit.</p> 	<p>Draw or create a picture using squares, circles, triangles, and rectangles.</p>	<p>Collect items and practice using vocabulary that describes items.</p> <p><i>Long, short, tall, heavy, light, big small, wide, narrow</i></p> <p>Ex. “This pail of water is heavy”.</p>	<p>Practice sorting items by attribute.</p> <p>Ex.” These flowers are all pink. These crayons are all broken. These plates are all circles.”</p>
<p>Create a number line. Starting at zero, how many numbers can you write?</p>	<p>Collect items and practice using language that compares the items.</p> <p><i>Heavier/lighter, same weight longer/shorter, same height, Holds more/holds less/holds same</i></p> <p>Ex. “The can of corn is heavier than the box of macaroni and cheese.”</p>	<p>Practice counting objects that have a quantity greater than 5. How high can you count?</p>	<p>How many cubes/blocks, cylinders/tubes and spheres/balls can you find? Can you create any with crafts?</p> 	<p>Look at your list from the beginning of the summer. Did you do the 3 new things you wanted to do?</p>