



SHELTON BOARD OF EDUCATION

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Dear Students and Guardian(s),

According to numerous research, students lose about 2.6 months of learning in mathematics over the summer. Due to this phenomenon, also known as summer slide, and the impact from COVID-19 it is now more important than ever to keep Math skills sharp. Most importantly, researchers identify long-lasting effects from summer loss related to lower self-confidence, as well as success in school and college.

The Shelton Public School System in conjunction with guidance from the Commissioner of Education has put together a program that can be easily integrated into your summer plans. The program is designed to be developmentally appropriate for your student and we recommend scheduling time for your learner(s) to participate in this program.

The importance of spending time with family and enjoying the outdoors also provides valuable learning opportunities. Involvement in authentic experiences provides learners the opportunity to transfer knowledge beyond the classroom setting and vice versa. Many daily scenarios provide opportunities for problem solving and reasoning, such as estimating time and cost of travel, doubling ingredients in family recipes, planning and budgeting for home projects, probability in sports and playing board games.

Specific information can be found at www.sheltonpublicschools.org under the Teaching and Learning tab.

We hope that you will participate in this year's summer math program and help our learners in maintaining and improving their math skills, as well as further develop their confidence in math during the summer.

Gavriela Ziu-Pires


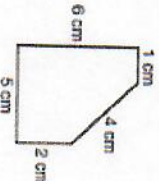
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Keep your skills sharp during the summer!



For students entering Grade 4: Your brain is a muscle. You want to keep it growing all year long. Below is a grid of math activities to complete over the summer so that you can continue to practice what you learned in 3rd Grade. Once you have completed an activity, have a parent or guardian initial each box. Return the completed form to your teacher at the start of the school year to earn a special reward.

<p>Determine the pattern. Complete the missing numbers. 17, 21, 25, 29, _____, _____ Describe the rule: _____</p>	<p>The rug is 8 feet long and 5 feet wide. What is the total area the rug will cover?</p>	<p>Solve 4 X 8 = 7 X 3 = 5 X 6 =</p>	<p>Play a yard game outside. Happy 4th of July!</p>	<p>Free day! Choose an activity of your choice.</p>
<p>Go on a hike or walk. Mark you starting time and ending time. How much time elapsed during your hike/walk?</p>	<p>What fraction is this? </p>	<p>Paul looked under the fence at his grandpa's farm to see the cows. He counted 28 legs. How many cows were there?</p>	<p>Solve 4 X 20 = 5 X 30 =</p>	<p>Using ads from a magazine or the newspaper, find three items you would like to purchase. What is the total cost of all of these items?</p>
<p>Play a game like basketball or bowling and help keep score.</p>	<p>Solve 25 ÷ 5 = 48 ÷ 8 =</p>	<p>Help cook dinner or bake dessert. Help measure out liquids and solids in measuring cups.</p>	<p>Play a board game or card game with your family.</p>	<p>What is the perimeter? </p>
<p>Look around your house or neighborhood. Where do you see an array?</p>	<p>300 - _____ = 225 220 + _____ = 350 440 = 125 + _____</p>	<p>Solve 3,179 + 2,895 = 8,000 - 1,342 =</p>	<p>Go on a car ride. Write down the miles on the odometer when you leave. Write down the miles when you get home. How many miles did you travel?</p>	<p>Gary ate 1/3 of a candy bar. Mike ate 1/2 of a candy bar. Who ate the least amount of candy?</p>



Keep your skills sharp during the summer!!



Estimate the length and width of your beach towel or blanket in feet. Using your estimate determine the area and perimeter.	Solve $6 \times 9 =$ $2 \times 10 =$ $8 \times 6 =$	$325 + \underline{\quad} = 375$ $500 = 475 + \underline{\quad}$ $\underline{\quad} + 550 = 600$ $275 + \underline{\quad} = 350$	Jill has \$15 in her bank account. Jack has 10 times as much money as Jill. How much does Jack have in his bank account?	Play a game with a friend.
Lisa has 4 boxes of crayons. Each box has 8 crayons. How many crayons in all?	Play I-Spy in your family room. Who can find the most quadrilaterals?	Solve $63 \div 9 =$ $100 \div 10 =$	How many quarters can you have if you have \$3.25?	Look at a flyer in the newspaper or online. Pick an item you want to buy, and tell your family member two ways to pay for the item.
Create an array with 3 rows of 5.	Solve $6,531 + 1,255 =$ $4,000 - 2,619 =$	Rosa made 56 cupcakes. She put 8 cupcakes into each box and sold the boxes for \$3.00 each. How much money did Rosa receive?	Play a game outside. Use tally marks to keep score.	If the movie began at 7:05 and finished at 8:45, how much time elapsed?
Play a card game or board game.	Figure your age in months. How many months old are you?	Have a scavenger hunt for real-world examples of right angles (ex: the corner of a book).	Make the largest and small number possible using the digits: 1, 5, 9, 7	Play a game. What strategy did you use? Would you use the same strategy again?