



SHELTON BOARD OF EDUCATION

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Dear Students and Guardian(s),

According to research, students lose about 2.6 months of learning in mathematics over the summer. This phenomenon, also known as summer slide, can cause students to start the new academic year with a lower achievement level than where they left off at the closure of the prior year. 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 has developed a Summer Math Challenge that can easily integrate into your summer plans. The program is designed to be developmentally appropriate for your student based on the grade level they will be entering for the 2019-2020 school year. 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 allow learners for knowledge transfer beyond the classroom 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 Grade Summer Math Challenge for students in grades K-12, 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 challenge and help our learners in maintaining and improving their math skills, as well as further develop their confidence in math during the summer.

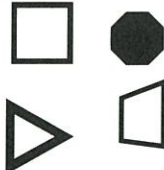
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Keep your skills sharp during the summer!!



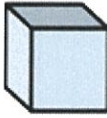

For students entering Grade 3: Your brain is a muscle. You want to keep it growing all year long. Below is a grid of math activities to complete over the summer so that you can continue to practice what you learned in second grade. Once you have completed an activity, have a parent or guardian initial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

Write the following numbers in standard form: $500 + 30 + 6 =$ _____ $200 + 70 + 8 =$ _____ $800 + 40 + 4 =$ _____	Solve $45 + 88 =$ _____	Round the following numbers to the nearest 100. 324 _____ 558 _____ 279 _____	Play a yard game outside. Happy 4th of July!	Circle the larger number: 3,037 3,337 3,045
Create a tally chart for the weather this week. Cloudy Sunny Rainy	Circle all the quadrilaterals. 	Play a board game or card game with your family.	On Monday, Sarah read 24 pages of her book. On Tuesday night, she read 41 pages, and Wednesday night she read 32 pages. How many pages did she read altogether? _____	Solve $21 - 18 =$ _____ $18 - 5 =$ _____ $17 - 9 =$ _____
Play a game like basketball or bowling and help keep score.	Draw a rectangle and shade $\frac{1}{2}$.	Solve $732 + 199 =$ _____	Write the missing numbers to complete the pattern. 3, 6, 9, _____, 12, _____ 15, 18, _____, _____	Solve $64 + 30 =$ _____ $58 + 40 =$ _____ $26 + 70 =$ _____
Round the following numbers to the nearest 10. 35 _____ 64 _____ 14 _____	What is the value of the following coins? 2 quarters, 4 dimes, and 8 pennies _____	Last week Sally bought 17 pounds of fruit at the grocery store. She bought apples and oranges. If 8 pounds were apples, how many pounds were oranges? _____	What is the value of the 7 in the following numbers? 37 _____ 761 _____ 275 _____	Write the missing numbers to complete the pattern. 40, 35, 30, _____, _____, 15, _____, _____



Keep your skills sharp during the summer!!

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<p>Solve</p> $276 - 152 = \underline{\quad}$	<p>What time does the clock show?</p> 	<p>Take a walk outside. Tally how many of each you see.</p> <p>Birds - _____</p> <p>Squirrels- _____</p>	<p>Write the number that is:</p> <p>Four tens and seven ones _____</p> <p>Eighteen ones _____</p>	<p>Play a game with a friend.</p>
<p>Partition the shape into fourths.</p> 	<p>Play I-Spy in your family room. Who can find the most quadrilaterals?</p>	<p>Write the following numbers in expanded form.</p> <p>186 _____</p> <p>304 _____</p>	<p>Solve</p> $863 - 475 = \underline{\quad}$	<p>Go to the store, pick an item you want to buy, and tell your family member two ways to pay for item.</p>
<p>Compare using $<$, $>$, or $=$</p> $600 + 80 + 2 \underline{\quad} 628$	<p>What tool would you use to measure a table in your house?</p>	<p>What shape is this?</p> 	<p>Play a game outside. Use tally marks to keep score.</p>	<p>Solve</p> $3 + 3 + 3 + 3 + 3 = \underline{\quad}$ $5 + 5 + 5 + 5 = \underline{\quad}$
<p>Play a card game or board game.</p>	<p>What coins could you use to make 59 cents?</p>	<p>Draw 4 groups of 2.</p>	<p>What fraction is shaded?</p> 	<p>Do you go to bed in the A.M. or P.M.?</p>