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.

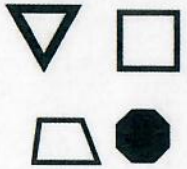
We hope that you will participate in this year's summer math program and help our learners in maintaining and improving their math skills, as well as further develop their confidence in math during the summer.

*Gavriela Ziu-Pires*

Gavriela Ziu-Pires
Supervisor of Teaching and Learning-STEM

# 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:<br><br>500 + 30 + 6 = _____<br>200 + 70 + 8 = _____<br>800 + 40 + 4 = _____ | Solve<br><br>45 + 88 = _____ | Round the following numbers to the nearest 100.<br><br>324 _____<br>558 _____<br>279 _____ | Play a yard game outside. Happy 4th of July! | Circle the larger number:<br><br>3,037<br>3,337<br>3,045 |
| Create a tally chart for the weather this week.<br><br>Cloudy<br>Sunny<br>Rainy | Circle all the quadrilaterals.<br>  | 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<br><br>21 - 18 = _____<br>18 - 5 = _____<br>17 - 9 = _____ |
| Play a game like basketball or bowling and help keep score. | Draw a rectangle and shade 1/2. | Solve<br><br>732 + 199 = _____ | Write the missing numbers to complete the pattern.<br><br>3, 6, 9, _____, 12, _____<br><br>15, 18, _____, _____ | Solve<br><br>64 + 30 = _____<br>58 + 40 = _____<br>26 + 70 = _____ |
| Round the following numbers to the nearest 10.<br><br>35 _____<br>64 _____<br>14 _____ | What is the value of the following coins?<br><br>2 quarters, 4 dimes, and 8 pennies<br><br>_____ | 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?<br><br>37 _____<br>761 _____<br>275 _____ | Write the missing numbers to complete the pattern.<br><br>40, 35, 30, _____, _____,<br><br>15, _____, _____ |

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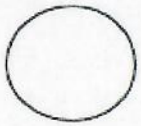
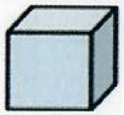
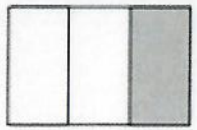
| Solve<br><br>276 - 152= _____ | What time does the clock show?<br>  | Take a walk outside. Tally how many of each you see.<br><br>Birds -<br>Squirrels- | Write the number that is:<br><br>Four tens and seven ones<br>_____<br>Eighteen ones<br>_____ | Play a game with a friend. |
| Partition the shape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