



Abington Heights School District

200 East Grove Street, Clarks Summit, PA 18411 Phone: 570-585-8252

May 2023

Hello Abington Heights Families,

Our school community is fortunate to have families who are engaged in their student's education and supporting their academic journey. To help sustain and continue your student's growth in Reading, Math, and Science over the course of the summer, we are providing families with some suggested opportunities to share in the learning adventure.

Attached you will find suggested activities that will promote literacy, numeracy, and scientific creative thinking. We hope that you enjoy these experiences with your students!

- ★ Summer Doing Math
- ★ Summer Reading
- ★ Summer STEM

Should you have any questions, concerns, or thoughts, please reach out to your building principal. We look forward to welcoming your students to the 2023 - 2024 school year on Thursday, September 7, 2023.

With appreciation,

Dr. Maggie Vitale

Maggie Vitale, Ed.D

Assistant Superintendent



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Dear Parents of Current Abington Heights Elementary Students Grades K-1,

Your child has made wonderful progress this school year in reading. We would like to support you as a family to keep that positive momentum moving forward. We feel that summer reading assignments help to promote learning and continue to build students' reading stamina.

For current elementary students in grades K-1:

- Students may read books all summer of their choosing.
- Students should complete the attached reading log.
- This is not a formal assignment, but a suggestion to support literacy in our youngest readers. When your child completes this list and brings it into school the first week of school, he/she will earn school based rewards for participation.

We would like to offer some suggestions:

- The Abington Community Library is prepared to assist in book selection, if families would like to make use of this great community resource. In addition, the library has a wonderful incentive based summer reading program that we recommend.
- Book selection is incredibly important. Please choose books that are engaging and age-appropriate for your children.
- Consider having students read together as an informal book club to promote learning and collaborative reading.

Should you have any questions, please do not hesitate to reach out to your building principal.

Thank you,

Mrs. Kelly Coyne
South Abington

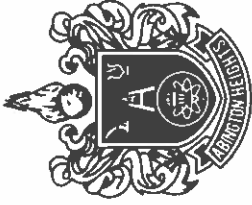
Mr. Mario Emiliani
Clarks Summit Elementary Principal

Mrs. Bridget Frounfelker
Newton-Ransom Elementary Principal

Mrs. Colleen Leonard
Waverly Elementary Principal



Abington Heights Elementary
Daily Reading Log Grades 1-2

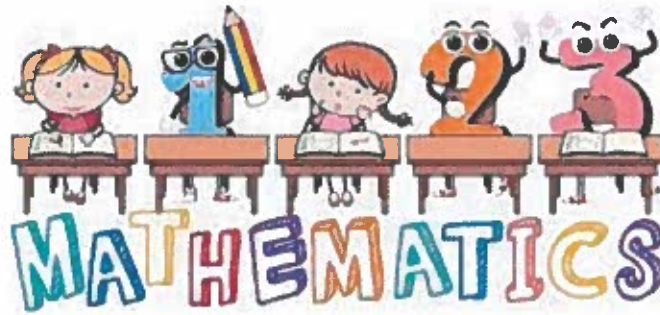


Name: _____

Month: _____

Date	Title of Book Read	Parent/ Guardian Initial

Date	Title of Book Read	Parent/ Guardian Initial



End of 1st Grade Math Suggested Summer Fun

Do Anytime Activities

The following activities are for you and your child to do together over the summer to help review concepts your child learned in first grade. These activities build on the skills from this year and help prepare them for second grade mathematics.

Telling Time and Measuring Length

- Tell time to the hour and half hour on analog and digital clocks in a variety of situations.
- Set alarm clocks and timers on objects such as ovens, microwave ovens, and mobile phones.
- Record the time spent doing various activities.
- Measure lengths of objects and paths with nonstandard units such as paper clips, toothpicks, or arm spans.

Collecting Data

- Collect data by asking questions: Which is your favorite summer fruit—watermelons, strawberries, or peaches?
- Collect data by making observations: How many people are wearing shorts, dresses, or swimsuits?
- Organize data in tally charts and in bar graphs, including keeping track of the weather.



Beginning Geometry

- Look for and identify attributes of geometric shapes in the real world, such as street signs, boxes, cans, construction cones, and so on.
- Construct polygons (closed, straight sided, flat shapes) using drinking straws and twist ties from plastic storage bags. Small-diameter straws, such as coffee stirrers, are easier to use and cut into 4- or 6-inch pieces. If only larger straws are available, fold the ends of the twist ties to fit tighter. To build the polygons, put a twist tie into each end of the straw, then use it to connect two straws. Once you have connected straws for all of the sides, be sure to close the shape.
- Make 3-dimensional shapes from straws and twist ties. To build the polyhedrons, put two twist ties (or one folded twist tie) into the ends of straws so that each end can be connected to two other straws. Tip: Connect base straws first.

Continuing Scrolls and Number-Grid Puzzles

- Fill in blank number grids and tape them together in order to continue number scrolls begun in first grade. Use these scrolls and number grids to explore the different patterns in the number grid, such as counts by 10 and the relationships between digits.
- Fill in the cells on a piece of a number grid to create letters, patterns, and designs.
- Create and solve puzzles from pieces of a number grid in which most of the numbers are missing.



Looking ahead: 2nd Grade Math

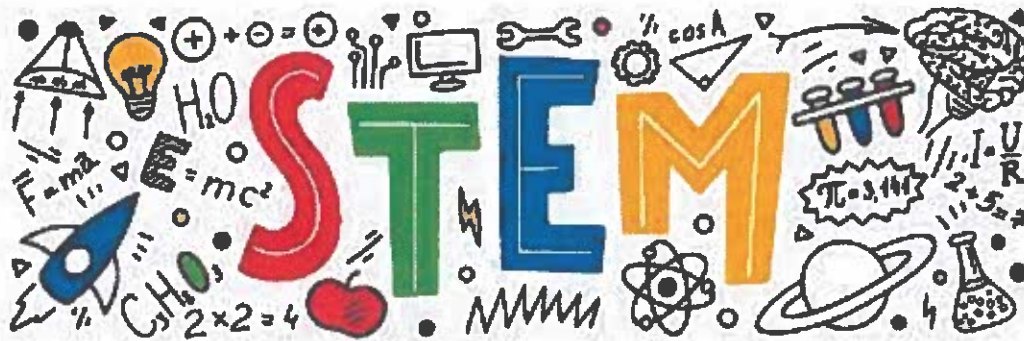
Next year your child will...

Numbers & Operations in Base Ten	Operations and Algebraic Thinking	Geometry	Measurement and Data
<ul style="list-style-type: none"><input type="checkbox"/> Count to 1,000<input type="checkbox"/> Skip count by 5s, 10s, & 100s<input type="checkbox"/> Read and write numbers to 1,000 using base-ten numerals, number names, and expanded form<input type="checkbox"/> Compare three-digit numbers using $<$, $>$, $=$ using place value concepts<input type="checkbox"/> Mental math (add and subtract within 100)<input type="checkbox"/> Mental math (add 10 or 100 to or subtract from 100 to 900)<input type="checkbox"/> Add up to 4 two-digit numbers<input type="checkbox"/> Add and subtract within 1,000 (with regrouping/decomposing a 10 or 100)	<ul style="list-style-type: none"><input type="checkbox"/> Represent and solve problems involving addition and subtraction within 100<input type="checkbox"/> Fluently add and subtract within 20<input type="checkbox"/> Determine whether group of objects (up to 20) has an odd or even number of members<input type="checkbox"/> Work with equal groups of objects to gain foundations for multiplication (add arrays of objects up to 5 rows and 5 columns and create equation to represent the sum of equal addends)	<ul style="list-style-type: none"><input type="checkbox"/> Reason with triangles, quadrilaterals, pentagons, hexagons, and cubes and their attributes<input type="checkbox"/> Divide shapes into 2, 3, and 4 equal shares and use vocabulary of <i>halves, thirds, fourths, half of, a third of, a fourth of</i><input type="checkbox"/> Partition rectangles into columns and rows of equal shares and count to find the parts of the whole	<ul style="list-style-type: none"><input type="checkbox"/> Measure by selecting and using appropriate tools (ruler, yardstick, meter stick, measuring tape)<input type="checkbox"/> Estimate lengths using inches, feet, centimeters, and meters<input type="checkbox"/> Represent whole number sums and differences within 100 on a number line diagram<input type="checkbox"/> Tell and write time to the nearest 5 minutes (am/pm)<input type="checkbox"/> Recognize the value of a penny, nickel, dime, quarter, half-dollar, and dollar bill<input type="checkbox"/> Find the values of combinations of pennies, nickels, dimes, quarters, half-dollars, and dollar bills<input type="checkbox"/> Demonstrate the many ways to represent a given amount of money<input type="checkbox"/> Solve word problems involving dollars and cents<input type="checkbox"/> Represent and interpret data using line plots, picture graphs, and bar graphs



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May 2023

Hello Abington Heights Families,

To help promote STEM learning with our students, Mrs. Hooker has developed a Summer STEM Choice Board. On this board, there are nine (9) activities on this choice board. As a family, you can choose one, a few, or all of them! We hope that you find these activities engaging, stimulating for creative thinking, and thought-provoking!

When your child returns to school in September, please have him / her submit the Summer STEM Choice Board to their teacher. Students will earn Comet Cash for completing the following number of activities:

- 1: Five Comet Cash
- 3: 10 Comet Cash
- 6: 15 Comet Cash
- 9: 20 Comet Cash and a Summer STEM Champion Certificate

We ask that an adult family member please initials and dates the box over the choices that were completed. Thank you for your continued support of your child's academic journey!

With appreciation,
Mrs. Kelly Coyne
South Abington

Mr. Mario Emiliani
Clarks Summit Elementary Principal

Mrs. Bridget Frounfelker
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Waverly Elementary Principal



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Student's Name: _____

Grade: _____

SUMMER STEM CHOICE BOARD

With your parents permission, pick some of the choices off of our Summer STEM Choice Boards to review our STEM knowledge this summer. Have fun exploring with some different activities involving Science, Technology, Engineering, and Math.

<p>CHOICE ONE It's time to design your own shoe. Use recyclable materials and the design process to create the latest summer fashion. (www.pbiskids.org/designsquad/build)</p>	<p>CHOICE FOUR Use internet resources to make the best and farthest paper airplane. Test them outside on a nice, sunny day!</p>	<p>CHOICE SEVEN Want to keep your icy treats cold on a hot summer day? Build a better lunchbox to keep your treats cold! (www.pbiskids.org/designsquad/build)</p>
<p>CHOICE TWO Use your science and observation skills on a nice summer day by creating your own science journal. Collect items from nature, use the internet to research, and add them to your journal.</p>	<p>CHOICE FIVE Rainy day? Download some free coding apps to practice coding skills:</p> <ul style="list-style-type: none">• Scratch JR (Android, IOS)• Kodable (IOS)• Bee-Bot (IOS)• Lightbot (Android, IOS)• Algorithm City (Android, IOS)• Tynker (IOS, Android)	<p>CHOICE EIGHT Have a juicy watermelon? Take the seeds outside and see how far we can spit them out. Then measure and see who spit them out the farthest.</p>
<p>CHOICE THREE Have something to celebrate this summer? Make a confetti launcher to make your celebration a little more special! (www.pbiskids.org/designsquad/build)</p>	<p>CHOICE SIX Another rainy day? Have some fun inside with creating your own indoor slingshot using some recyclable materials. (www.pbiskids.org/designsquad/build)</p>	<p>CHOICE NINE Use a magnifying glass and some ice for this activity. On a sunny day, use the magnifying glass and time how long it will take for the ice to melt, by putting it under the magnifying glass.</p>