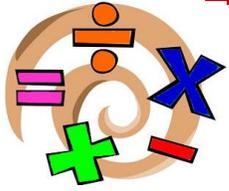


# The Haley Addition



## All the News that ADDS Up

ISSUE 2

October 2016

SETH G. HALEY SCHOOL

### Current Units of Study

Kindergarten: Counting and Matching Numerals 11-20

Grade One: Addition and Subtraction Within 20

Grade Two: Place Value to 1000

Grade Three: Understanding Multiplication and Division

Grade Four: Understanding and using Place Value to Multiply and Divide

### Websites to Explore

[www.hoodamath.com](http://www.hoodamath.com)

[www.playkidsgames.com](http://www.playkidsgames.com)

[www.arcademica.com](http://www.arcademica.com)

### **Save the Date!**

**Have Lots of Fun With Math**

**Haley/Pagels Math Night**

**November 30, 2016**

One of the math programs your child will be doing this year is Symphony Math. This program helps students develop a solid foundation in math concepts, operations, fluency, procedures and applications at their own rate. All students in grades Kindergarten-2<sup>nd</sup> grade have completed the Symphony Math Benchmark. This will help to determine each student's instructional level. Your child will then be provided the opportunity for individual practice at his/her own developmental level. Students work extensively with the most important ideas in mathematics. Each new idea builds on the previous ones. The result is a thorough understanding of mathematics that allows mastery of the most important ideas in mathematics. Usernames, passwords and further details have been sent home so your child can practice at home. It is important that every child bring in a headphone set for them to use at school. Place it in a baggie with your child's name and grade on it. The teacher will hold onto it for the school year and give it back at the end of the school year.

# Seth Haley Students at Work

The first couple of units in the kindergarten program are learning the numbers 1-20. They have been counting, matching, and writing numerals 1-20. They have used several different manipulatives, such as snap blocks and plastic teddy bears. The first graders are adding and subtracting numbers up to 10. They are writing number sentences for fact families including 2 addition number sentences and 2 subtraction number sentences. The second graders are starting off the school year with place value to 1000 and adding and subtracting 10. The students use the hundreds chart to find patterns in 10s. Third graders are working on multiplication and division using pictures, arrays, equal groups, and equations. They are writing story problems for multiplication and division. Finally, the fourth graders are learning 2-digit by 2-digit multiplication and long division. They have been playing games to help them master their multiplication facts.

## How Parents Can Help Their Child

- Use real-life objects, and ask your child to draw a kid who has 5 cookies. He gets one more from a friend. "How many does the child have now?"
- Before your child can add  $2 + 3$  or subtract  $4 - 1$ , they need to understand what adding and subtracting means. You can help! Collect a small pile of buttons, rocks, shells, or something similar to count. Have your child create a pile with 4 buttons and a pile with 2 buttons. Push those piles together to make a new pile with 6 buttons. Count the total together and explain to your child, "That's addition!" Next take 2 buttons away from the big pile. Together, count the 4 buttons left and explain to your child, "That's subtraction."
- Practice counting dimes for adding and subtracting 10s.
- When your child draws a picture to solve a problem, ask them to explain their drawing and their thinking. Lots of practice will help your child get comfortable explaining their thinking and prepare for the higher level math that's just around the corner.

Please keep in touch with any questions or concerns  
you may have... Mrs. Joanne Cooper- Math  
Facilitator

[Joanne.Cooper@whschools.org](mailto:Joanne.Cooper@whschools.org)