



Math with Mrs. H

The second grade math students have been exploring number combinations and relationships. The students have built combinations of facts for numbers through twenty, focusing on combinations of ten as a landmark. By the end of this unit, your child should have a deep understanding of fact families and how quantities are related. Over the next few weeks, the students will further develop their conceptual understanding of addition and subtraction while exploring equations and inequalities. The attributes of objects, numbers, and data will also be emphasized. Keep practicing those doubles facts—they really do make addition and subtraction quite a bit faster!

The third grade math students have spent the past few weeks exploring subtraction. The instructional focus has continued to be developing an understanding of place value as well as the mechanics of subtraction. A significant amount of time was devoted to exploring the inverse relationship between addition and subtraction and learning to differentiate between situations that require addition and those that require subtraction. The focus of our next unit will be analyzing data in graphs and tables. Your child will collect and organize both categorical and numerical data. After creating a variety of graphs, students will interpret the results and learn how to look for basic patterns or trends in data. By the end of the unit, students will be able to use data to support a conclusion and to make simple predictions.



What's the Matter

The students in the second and third grade resource class have been busy at work exploring the properties of matter. The students designed and conducted numerous experi-

ments, which allowed them to explore both physical and chemical changes. Since matter is measured by its mass or its volume, numerous investigations were conducted to strengthen the stu-

dents understanding of both concepts. The unit came to a close with a discussion about condensation versus evaporation, leaving students to ponder how both could happen at the same temperature.

Novel Studies

Select students from various grade levels have been busy at work reading trade books and responding to complex journal responses. These novel studies are a wonderful way to extend the DODEA content standards while exposing students to a variety of writing styles and genres. Current novels include: *The Old Red Rocking Chair*, *When the Giants Came to Town*, and *Stone Fox*.

Water Works

Students in the kindergarten and first grade resource class are currently engaged in a science unit which will deepen their understanding of the properties of water. The students are acting like real scientists as they design, conduct and create meaning from their experiments. Be sure to ask your budding scientist about their water filtration experiment!

The Cat's 'Out of the Bag!' For the next few weeks, some second and third grade students will be participating in a mini-unit about idiomatic language. Don't be surprised if your child starts to 'drive you up a wall' with their playful language!