



# PGMS

*Math Update*

# 6th Grade Math Current Areas of Study

- Ratio and rates
- Percents
- Absolute value
- Inequalities

# 6th Grade Math Current Upcoming Areas of Study

- Surface area and volume of geometric figures
- Statistical data: mean, median, mode
- Data displays: Various graphical representations

# 6th Grade Math Remainder of the year

- Student will continue to prepare for SBAC via course 6th grade common core content, SBAC released questions, SVMII performance tasks and small classroom projects.
- Weekly formative assessments help drive needed instruction among a differentiated levels of students. Khan Academy, Formative, Big Ideas online resources are staged to help students prepare for 6th grade math content and related SBAC material.

# 7th Grade Math Current Current Areas of Study

- We are working on Percents (part of the Ratios and Proportions Domain). Then we will briefly look at Geometry topics like circles, surface areas and volumes.
- We have been focusing on three main areas of math instruction: conceptual development, procedural fluency and problem solving to address the four claims.

# 7th Grade Math Current Upcoming Areas of Study

We will cover

7th grade Expressions and  
Equations

7th grade Number Systems

7th grade Ratios and Proportions

# 7th Grade Math Remainder of the year

- Student will continue to prepare for SBAC via course 7th grade common core content, SBAC released questions, SVMII performance tasks and small classroom projects.
- Weekly formative assessments help drive needed instruction among a differentiated levels of students. Khan Academy, Formative, Big Ideas online resources are staged to help students prepare for 6th grade math content and related SBAC material.

# 8th Grade Math Current Areas of Study

- Math 8 has also been working on multi-step tasks from SVM1 where they need to show and explain thinking.
- Math Intervention has continued to prepare for the SBAC summative by deconstructing released questions during warmups.
- IM1 is beginning to learn the foundations of geometry. They are learning a lot of new academic vocabulary used to talk about shapes. They are also learning how to read and write many new symbols that will be used to solve problems and write proofs in higher level geometry.



# 8th Grade Math Upcoming Areas of Study

- Math 8 will continue working on multi-step tasks from SVM1 where they need to show and explain thinking
- IM1 students will be taking the Math 8 SBAC. We will review some of the 8th grade concepts that they have not seen in a while before the SBAC.
- Math Intervention beginning to learn how to solve systems of equations.

# 8th Grade Math Remainder of the year

- Student will continue to prepare for SBAC via course 8th grade common core content, SBAC released questions, SVMII performance tasks and small classroom projects.
- Weekly formative assessments help drive needed instruction among a differentiated levels of students. Khan Academy, Formative, Big Ideas online resources are staged to help students prepare for 8th grade math content and related SBAC material.

# Math Summit: May 22nd

- Elementary and Middle School teachers of math will continue our discussion surrounding areas of need
- Discussion of a system of articulation between the schools
- Sharing of supplementary materials
- Discussion of embedded Math intervention class (middle school will share preliminary results regarding our Intervention 8 class)