

General Education Classroom

- Core Curriculum: aligned to rigorous grade-level Common Core Standards
- Differentiation & Enrichment: learning is tailored to students based upon performance
- Instructional Focus: progresses through conceptual understanding to procedural fluency to real-world application

Fourth-Grade Example: (CCSS 4.NF.2)
Which fraction represents the greatest value?
3/4, 2/5, 7/10
Show or explain in words how you know.

Fifth-Grade Example: (CCSS 5.NBT.6)
Write a division problem using a 4-digit dividend and a 2-digit divisor that results in an even quotient. Show your work.



Enriched Math Classroom (4th & 5th grades)

- Core Plus More: students explore grade-level standards to greater depth with increased complexity
- Student-directed projects

Fourth-Grade Example: (CCSS 4.NF.2)
Suppose that X and Y are 2 different numbers from 1 to 50 inclusive. What numbers should you choose for X and for Y, in order to make the largest possible value of the fraction $X + Y/X - Y$? X and Y must be the same in both numerator and denominator.

Fifth-Grade Example: (CCSS 5.NBT.6)
Steven says that the answer to $2,500 \div 300$ is 8 with a remainder of 1. He said "My reason is because you can just cross out the two 0s in both numbers to make it $25 \div 3$. The answer to $25 \div 3$ is 8 with a remainder of 1 so that is also the answer to $2,500 \div 300$." Is Steven correct? Why or why not?



Accelerated Math Classroom

- Compacted Curriculum: students learn multiple years of content in a single year
- Some content is studied and learned independently

Fifth-Grade Example: (CCSS 6.NS.3)
Select all of the quotients that have the same value as $5.04 \div 0.7$. Be prepared to explain how you know.

- $5.04 \div 7$
- $50.4 \div 7$
- $50,400 \div 7,000$
- $504 \div 700$