

Syllabus

Course Title: Mathematics

Grade: 5

DESCRIPTION OF COURSE: The fifth grade math curriculum focuses on student mastery of the PA Core standards in the following domains: Operations and Algebraic Thinking, Number and Operations in Base Ten, Measurement and Data, Geometry, and Number and Operations-Fractions. Materials utilized in all fifth grade mathematic classrooms support student understanding, develop rigorous problem solving and higher level thinking skills. Specific materials such as the print, interactive textbooks and digital components of the program will be selected and tailored to meet individual student needs and levels.

REQUIRED TOPICS OF STUDY	SUGGESTED INSTRUCTIONAL TIME	STANDARDS/ ELIGIBLE CONTENT
Place Value, Multiplication and Expressions	15-17 days	M05.A-T.1.1.1 M05.A-T.1.1.2 M05.A-T.2.1.1 M05.A-T.2.1.2 M05.B-O.1.1.1 M05.B-O.1.1.2
Divide Whole Numbers	12-14 days	M05.A-T.2.1.1 M05.A-T.2.1.2
Add and Subtract Decimals	15-17 days	M05.A T.1.1.1 M05.A-T.1.1.3 M05.A-T.1.1.4 M05.A-T.1.1.5 M05.A-T.2.1.3
Multiply Decimals	11-13 days	M05.A-T.1.1.2 M05.A-T.2.1.3
Divide Decimals	11-13 days	M05.A-T.1.1.2 M05.A-T.2.1.3
Add and Subtract Fractions with Unlike Denominators	13-15 days	M05.A-F.1.1.1
Multiply Fractions	13-15 days	M05.A-F.2.1.1

Curr/Syllabus/Gr 5

BAC/Ct/e-mailed Dana Mensher/8/20/15/updated 10/29/15-B Chomik

REQUIRED TOPICS OF STUDY	SUGGESTED INSTRUCTIONAL TIME	STANDARDS/ ELIGIBLE CONTENT
		M05.A-F.2.1.2 M05.A-F.2.1.3
Divide Fractions	8-10 days	M05.A-F.2.1.1 M05.A-F.2.1.4
Algebra: Patterns and Graphing	10-12 days	M05.D-M.2.1.1 M05.C-G.1.1.1 M05.C-G.1.1.2 M05.B-O.2.1.1 M05.B-O.2.1.2
Convert Units of Measure	10-11 days	M05.D-M.1.1.1
Geometry and Volume	14-16 days	M05.D-M.3.1.1 M05.D-M.3.1.2 M05.C-G.2.1.1

RESOURCES: GO MATH!

Houghton Mifflin Harcourt Publishing Company, 2015

Full print and digital series

Rev.: August 2015