

6th Grade Ready Math Information

Units of Study

This year we are using the Ready Math Program.

Here is the order of our units for the year with a *brief* list of some topics that will be covered within each unit:

Unit 1: Ratio and Proportional Relationships

Ratios/ratio language, equivalent ratios, unit rates, rate tables, constant speed, comparing ratios, converting measurements, percentages

Unit 2: The Number System

Review of adding/subtracting/multiplying fractions, division of fractions, modeling multiplication and division of fractions, add/subtract/multiply/divide decimals, positive and negative numbers, absolute value, ordering numbers, the coordinate plane

Unit 3: Expressions and Equations

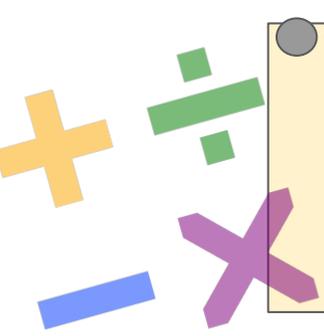
Equations, situations as expressions/equations, equivalent expressions, distributive property, order of operations, independent/dependent variables

Unit 4: Geometry

Area of rectangles/triangles/parallelograms/complex figures, surface area, nets, volume

Unit 5: Statistics and Probability

Statistical questions, describing data distributions, displays of data, mean/median/mode/range, quartiles, IQR, MAD



6th Grade Ready Math Resources

Resources & Suggested Websites

Ready Math Resources

Family Letter

(in Practice & Problem solving workbook at the beginning of each lesson)

Ready Math Books

(Instruction Book - in school work)

(Practice and Problem Solving Book - homework)

iReady Practice Videos from Classroom Teacher

(Shared with students, worked on in class, great study/practice method)

iReady Instructional Path

(lessons tailored specifically to students' abilities and areas of growth)

(iReady Family Center link: <http://i-readycentral.com/familycenter/>)

Free Additional Resources

KhanAcademy.com

(choose topic, watch videos, practice problems)

IXL.com

(choose topic by grade, practice problems)

XPMath.com

(choose topic by standard strand, play games, fluency building)

BrainPop

(username: WOEdison password: brainpop)

StudyJams (Scholastic)

(<https://studyjams.scholastic.com/studyjams/jams/math/index.htm>)

VirtualNerd.com

(instructional videos by topic/concept)