

PARENT A GLANCE

Find out what your child is **learning** and how to **help**.

Subject	6th Grade	7th Grade	8th Grade		
Ideas students are learning	Make sense of fractions, decimals and percents Understand polygons and angles.	Work with patterns and multiple representations. Understand similar figures and polygons.	Explore math concepts such as: Surface Area and Volume, Scaling, Data Patterns, Linear Models and Equations.		
Skills	Compare fractions, and convert between fractions, decimals, and percents. Investigate polygons and their angles.	Solve equations and create graphs and tables using a calculator. Enlarge/reduce shapes and investigate similarity.	Find the surface area and volume. Scale a rectangular box Explore data patterns, linear models, and equations.		
Work and assignments to look for	Student Notebook, Application, Connection, and Extension Problems, Mathematical Reflection for each Investigation	Student Notebook, Application, Connection, and Extension Problems, Mathematical Reflection for each Investigation	Student Notebook, Application, Connection, and Extension Problems, Mathematical Reflection for each Investigation		
Questions Parents Can Ask	How can you compare fractions? Why would you need to convert between fractions and decimals? What is a percent?	How can you model solving equations? How do you enlarge/reduce a shape? How can two figures or be similar?	How do you find the surface area and volume geometric figures? How do you create a scaled figure?		
Special Notes	Students are expected to talk and write about their mathematical thinking.	Students are expected to talk and write about their mathematical thinking. They will be asked to justify their answers.	Students are expected to talk and write about their math thinking. They will be asked to show their answers in several ways.		