8TH GRADE MATH

1ST QUARTER:

REAL NUMBERS AND EXPONENTS:

-8.NS.1 DECIMAL EXPANSIONS AND IRRATIONAL NUMBERS

-8.NS.2 COMPARE VALUES OF IRRATIONAL NUMBERS

-8.EE.1 INTEGER EXPONENTS

-8.EE.2 SUARE ROOTS AND CUBE ROOTS

-8.EE.3 VERY SMALL AND VERY LARGE QUANTITIES

-8.EE.4 SCIENTIFIC NOTATION

EXPRESSIONS AND EQUATIONS:

-8.EE.7 SOLVE LINEAR EQUATIONS WITH ONE VARIABLE

2ND QUARTER:

CONGRUENCY AND SIMILARITY;

-8.G.2 UNDERSTANDING CONGRUENCE USING

TRANSFORMATIONS

-8.G.4 UNDERSTANDING SIMILARITY USING TRANSFORMATIONS

-8.G.5 ANGLES, PARALLEL LINES CUT BY TRANSVERSAL

-8.G.1 VERIFY PROPERTIES OF TRANSFORMATIONS

-8.G.3 DESCRIBE EFFECTS OF TRANSFORMATIONS IN PLANE

FUNCTIONS:

-8.EE.5 GRAPH/COMPARE PROPORTIONAL RELATIONSHIPS

-8.EE.6 USE SIMILAR TRIANGLES TO EXPLAIN SLOPE

3RD QUARTER:

-8.F.1 UNDERSTAND FUNCTIONS

-8.F.2 COMPARE PROPERTIES OF FUNCTIONS

-8.F.3 LINEAR FUNCTIONS

-8.F.4 CONSTRUCT AND INTERPRET LINEAR FUNCTIONS

-8.F.5 DESCRIBE FUNCTIONAL RELATIONSHIPS

LINEAR SYSTEMS:

-8.EE.8 PAIRS OF SIMULTANEOUS LINEAR EQUATIONS

4TH QUARTER:

PYTHAGOREAN THEOREM:

-8.G.6 PROOF OF PYTHAGOREAN THEOREM

-8.G.7 APPLY PYTHAGOREAN THEOREM TO DETERMINE

UNKNOWN SIDE LENGTH

	-8.G.8 APPLY PYTHAGOREAN THEOREM TO FIND DISTANCE BETWEEN POINTS
VOLUME:	-8.G.9 VOLUME OF CONES, CYLINDERS, AND SPHERES
PATTERNS/BIVARIATE DATA:	-8.SP.1 SCATTER PLOTS
	-8.SP.2 LINES OF BEST FIT
	-8.SP.3 INTERPRET SLOPE IN DATA REPRESENTATION
	-8.SP.4 TWO-WAY TABLES