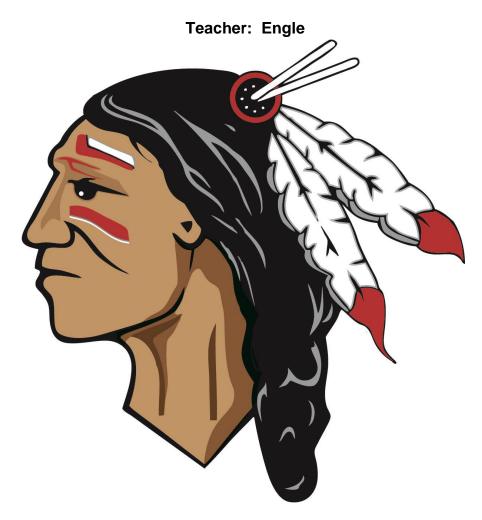
Westside High School Curriculum Map: Math 8 2019-2020



Map is still under construction and will be revised throughout the year.

2019-2020 Curriculum Map: Math 8th

Unit	Standards	Timeframe	Assessments	Unit Objectives/Big Ideas
1. Rigid Transformations and Congruence	8.G.A.1 8.G.A.1.0 8.G.A.1.b 8.G.A.1.c 8.G.A.2 8.G.A.3 8.G.A.5	20 days	Pre-Unit Assessment Mid-Unit Assessment End-Unit Assessment	 Rigid Transformations Properties of Rigid Transformations Congruence Angles in a Triangle
2. Dilations, Similarity, and Introducing Slope	8.G.A 8.G.A.2 8.G.A.3 8.G.A.4 8.G.A.5 8.EE.B.6	15 days	Pre-Unit Assessment End-Unit Assessment	 Dilations Similarity Slope
3. Linear Relationships	8.G.A.1 8.EE.B 8.EE.B.5 8.EE.B.6 8.EE.C 8.EE.C.8.a	17 days	Pre-Unit Assessment End-Unit Assessment	 Proportional Relationships Representing Linear Relationships Finding Slopes Linear Equations
4. Linear Equations and Linear Systems	8.EE.C. 8.EE.C.7 8.EE.C.7.a 8.EE.C.8 8.EE.C.8.a 8.EE.C.8.b 8.EE.C.8.c	18 days	Pre-Unit Assessment End-Unit Assessment	 Number Puzzles Linear Equations in One Variable Systems of Linear Equations

5. Functions and Volume	8.F.A 8.F.A.1 8.F.A.2 8.F.A.3 8.F.B 8.F.B.4 8.F.B.5 8.G.C	25 days	Pre-Unit Assessment Mid-Unit Assessment End-Unit Assessment	 Inputs and Outputs Representing and Interpreting Functions Linear Functions and Rates of Change Cylinders and Cones Dimensions and Spheres
6. Associations in Data	8.SP.A.1 8.SP.A.2 8.SP.A.3 8.SP.A.4	12-13 days	Pre-Unit Assessment End-Unit Assessment	 Does this Predict That? Associations in Numerical Data Associations in Categorical Data
7. Exponents and Scientific Notation	8.EE.A.1 8.EE.A.3 8.EE.A.4	18 days	Pre-Unit Assessment End-Unit Assessment	Exponent ReviewExponent RulesScientific Notation
8. Pythagorean Theorem and Irrational Numbers	8.NS.A 8.NS.A.1 8.NS.A.2 8.EE.A 8.EE.A.2 8.F.B 8.G.B 8.G.B.6 8.G.B.7 8.G.B.8	17 days	Pre-Unit Assessment End-Unit Assessment	 The Size of Shapes Side Lengths and Areas of Squares The Pythagorean Theorem Side Lengths and Volumes of Cubes Decimal Representation of Rational and Irrational Numbers
9. Putting it All Together	8.F.A.1 8.F.B	0-10 days		• Exploration: What Influences Temperature?

8.SP.A 8.G.A		• Exploration: Tessellations of the Plane
8.G.A.5		