

Mathematics: Secondary Grades (9 – 12)

<u>Kinesthetic</u>	<u>Oral</u>
<ul style="list-style-type: none"> ⊙ Make formal geometric constructions with a variety of tools and method: <ul style="list-style-type: none"> • Compass & straightedge • String • Reflective devices • Paper folding 	<ul style="list-style-type: none"> ⊙ Define, explain and/or describe: <ul style="list-style-type: none"> • Binomial Theorem • Compare & Contrast • Descriptive modeling • Equalities vs. Inequalities • Fundamental Theorem • Law of Sines and Cosines • Meanings • Measurement • Properties • Purpose • Pythagorean Theorem • Quantities • Rate of Change • Rational vs. Irrational • Reasoning – why or how • Relationships • Remainder Theorem • Strategies • Values
<u>Visual</u>	<u>Written</u>
<ul style="list-style-type: none"> ⊙ Draw, identify and/or interpret: <ul style="list-style-type: none"> • Comparisons between shapes, measurements and properties • Data • Functions • Geometric Shapes, Angles, Segments & Lines • Graphs • Matrixes • Measurements of Length, Width & Volume • Models • Slope • Tables • Units of Measurement • Vectors 	<ul style="list-style-type: none"> ⊙ Write and rewrite: <ul style="list-style-type: none"> • Cataloging and Labeling • Coordinates • Data Collection • Equations • Experiments • Exponents & Square Roots • Expressions • Formulas • Functions • Measurements • Observational Studies • Quantities • Surveys • Symbols • Variables

☆ Refers to ELA Standards

⊙ Refers to MATH Standards