| Teacher: Black | Course: Geometry Grade Level(s): 10-12 |
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|  | Unit 1 <br> Topic(s): The Tools of Geometry |
| Content/Big Ideas | Students will learn the basic geometry terms and there use for continuing geometry. |
| Essential Questions | What are the basic terms and their importance to Geometry? How are the lengths of segments used in everyday life? Why do we need to understand and use angles in Geometry? How are the pairs of angles classified? |
| Concepts | Points, lines, planes, segments, congruence, midpoint, distance, angles, angles relationships, polygons |
| Competencies | Apply geometric essentials for geometric applications |
| Standards/Benchmarks | M11.C.3.1.1 Calculate the distance and/or midpoint between 2 points on a number line or on a coordinate plane <br> G.2.1.2.1 Calculate the distance and/or midpoint between two points on a number line or on a coordinate plane <br> CC2.3HS.A. 11 Apply coordinate geometry to prove simple geometric theorems algebraically. <br> M11.B.2.1.1 Measure and/or compare angles in degrees (up to 360 ) (protractor must be provided or drawn). |


| Activities \& Assessments | Debates <br> Directed Paraphrasing <br> Exit Ticket <br> Follow-up Questioning <br> Gallery <br> Graphic Organizers <br> KWL charts <br> Guided Reciprocal Peer Questioning <br> Hand Signals <br> Interviews <br> Journals <br> Learning <br> Muddiest Point <br> "No Hands Up" <br> A "No Hands Up" <br> Open-ended Questions <br> One-sentence Summary <br> Performance Task <br> Quick Write <br> Random <br> Rubrics <br> Short Quizzes <br> Student-generated Test <br> Surveys/Rating Scales Surveys and Rating Scales provide an easy-to-use <br> Think-Pair-Share <br> Write Before Discussion <br> Graphic Organizer <br> Unit Assessment <br> Notebook Check <br> Homework <br> Correct the error |
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| Teacher: Black | Course: Geometry Grade Level(s): 10-12 |
|  | Unit 2 <br> Topic(s): Parallel and Perpendicular Lines |
| Content/Big Ideas | Students will learn about perpendicular and parallel lines. They will be able to write the equation of a line given certain characteristics. |
| Essential Questions | What relationships are created with lines and planes? <br> How do slope and linear equations relate to parallel and perpendicular lines? <br> Why are perpendicular lines important to distance in geometry? |


| Concepts | Parallel lines and planes, perpendicular lines, skew lines, transversal, <br> consecutive, alternate, corresponding, interior/exterior slope, rate of <br> change, slope-intercept form, point-slope form, equidistant |
| :--- | :--- |
| Competencies | Students will make connections on how points, lines and planes are <br> related. Use coordinate geometry to establish properties of 2- <br> dimensional shapes. Apply coordinate geometry to calculate distance <br> and/or midpoint between two points |


| Standards/Benchmarks | M11.B.2.1.1 Measure and/or compare angles in degrees (up to 360 (3) (protractor must be provided or drawn). <br> G.2.2.1.2 Use properties of angles formed when two parallel lines are cut by a transversal to find the measures of missing angles <br> G.2.2.1.1 Use properties of angles formed by intersecting lines to find the measures of missing angles <br> CC2.3.HS.A. 3 Verify and apply geometric theorems as they relate to geometric figures. <br> M11.C.3.1.2 Relate slope to perpendicularity and/or parallelism (limit to linear algebraic expressions; slope formula provided on the reference sheet) <br> M11.D.3.2.1 Apply the formula for the slope of a line to solve problems (formula given on reference sheet) <br> M11.D.3.2.2 Given the graph of the line, 2 points on the line, or the slope and a point on a line, write or identify the linear equation in point-slope, standard and/or slope-intercept form <br> M11.D.3.2.3 Compute the slope and/or y-intercept represented by a linear equation or graph <br> G 2.1.2.2 Relate slope to perpendicularity and/or parallelism (limit to linear algebraic equations) <br> CC2.3.HS.A. 11 Apply coordinate geometry to prove simple geometric theorems algebraically. <br> M11.C.3.1.2 Relate slope to perpendicularity and/or parallelism (limit to linear algebraic expressions; slope formula provided on the reference sheet) <br> G 2.1.2.2 Relate slope to perpendicularity and/or parallelism (limit to linear algebraic equations) <br> CC2.3.HS.A. 11 Apply coordinate geometry to prove simple geometric theorems algebraically. <br> G.2.1.4.1 Solve or graph systems of equations or systems of inequalities within a problem situation using coordinate geometry. <br> CC2.2.HS.D. 9 Use reasoning to solve equations and justify the solution method. <br> CC2.2.HS.D. 10 Represent, solve and interpret equations/inequalities and systems of equations/inequalities algebraically and graphically. |
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| Activities \& Assessments | Debates <br> Directed Paraphrasing <br> Exit Ticket <br> Follow-up Questioning <br> Gallery <br> Graphic Organizers <br> KWL charts <br> Guided Reciprocal Peer Questioning <br> Hand Signals <br> Interviews <br> Journals <br> Learning <br> Muddiest Point <br> "No Hands Up" <br> A "No Hands Up" <br> Open-ended Questions <br> One-sentence Summary <br> Performance Task <br> Quick Write <br> Random <br> Rubrics <br> Short Quizzes <br> Student-generated Test <br> Surveys/Rating Scales Surveys and Rating Scales provide an easy-to-use <br> Think-Pair-Share <br> Write Before Discussion <br> Graphic Organizer <br> Unit Assessment <br> Notebook Check <br> Homework <br> Correct the error |
| :---: | :---: |
| Teacher: Black | Course: Geometry Grade Level(s): 10-12 |
|  | Unit 3 <br> Topic(s): Congruent Triangles |
| Content/Big Ideas | We will discuss how triangles sides and angles can relate to geometry. |
| Essential Questions | How can we use sides and angles of triangles to classify them? How can we use the triangle theorems to prove triangles are congruent? <br> What properties of isosceles triangles help us to find unknown measurements? |


| Concepts | Classifying triangles and angle measures of triangles <br> Triangle Congruence <br> Two column proofs <br> Isosceles Triangle Theorem |
| :---: | :---: |
| Competencies | How are the sides and angles of triangles used in geometry? |
| Standards/Benchmarks | M11.C.1.2.3 Identify and/or use properties of isosceles and equilateral triangles <br> G1.2.1.3 Identify and/or use properties of isosceles and equilateral triangles <br> CC2.3.HS.A. 3 Verify and apply geometric theorems as they relate to geometric figures. <br> CC2.3.HS.A. 13 Analyze relationships between two-dimensional and three-dimensional objects. <br> M11.C.1.3.1 Identify and/or use properties of congruent and similar polygons or solids <br> G1.2.1.3 Identify and/or use properties of isosceles and equilateral triangles <br> CC2.3.HS.A. 3 Verify and apply geometric theorems as they relate to geometric figures. <br> CC2.3.HS.A. 13 Analyze relationships between two-dimensional and three-dimensional objects. <br> M11.C.1.2.3 Identify and/or use properties of isosceles and equilateral triangles <br> G.1.2.1.1 Identify and/or use properties of triangles <br> G1.2.1.3 Identify and/or use properties of isosceles and equilateral triangles <br> CC2.3.HS.A. 3 Verify and apply geometric theorems as they relate to geometric figures. <br> CC2.3.HS.A. 13 Analyze relationships between two-dimensional and three-dimensional objects. |


| Activities \& Assessments | Debates <br> Directed Paraphrasing <br> Exit Ticket <br> Follow-up Questioning <br> Gallery <br> Graphic Organizers <br> KWL charts <br> Guided Reciprocal Peer Questioning <br> Hand Signals <br> Interviews <br> Journals <br> Learning <br> Muddiest Point <br> "No Hands Up" <br> A "No Hands Up" <br> Open-ended Questions <br> One-sentence Summary <br> Performance Task <br> Quick Write <br> Random <br> Rubrics <br> Short Quizzes <br> Student-generated Test <br> Surveys/Rating Scales Surveys and Rating Scales provide an easy-to-use <br> Think-Pair-Share <br> Write Before Discussion <br> Graphic Organizer <br> Unit Assessment <br> Notebook Check <br> Homework <br> Correct the error |
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| Teacher: Black | Course: Geometry Grade Level(s): 10-12 |
|  | Unit 4 <br> Topic(s): Relationships in Triangles |
| Content/Big Ideas | We will discuss how triangles sides and angles can relate to geometry. |
| Essential Questions | How do we use medians, altitudes and bisectors in triangles? How can inequalities be used in triangles? How does indirect reasoning work? |


| Concepts | Bisectors, medians and altitudes Triangle Inequalities |
| :---: | :---: |
| Competencies | How are the sides and angles of triangles used in geometry? |
| Standards/Benchmarks | M11.C.1.2.1 Identify and/or use properties of triangles (e.g., medians, altitudes, angle bisectors, side/angle relationships, Triangle Inequality Theorem) <br> G.1.2.1.1 Identify and/or use properties of triangles <br> CC2.3.HS.A. 3 Verify and apply geometric theorems as they relate to geometric figures. <br> CC2.3.HS.A. 13 Analyze relationships between two-dimensional and three-dimensional objects. <br> M11.C.1.2.1 Identify and/or use properties of triangles (e.g., medians, altitudes, angle bisectors, side/angle relationships, Triangle Inequality Theorem) <br> G.1.2.1.1 Identify and/or use properties of triangles <br> CC2.3.HS.A. 3 Verify and apply geometric theorems as they relate to geometric figures. <br> CC2.3.HS.A. 13 Analyze relationships between two-dimensional and three-dimensional objects. |


| Activities \& Assessments | Debates <br> Directed Paraphrasing <br> Exit Ticket <br> Follow-up Questioning <br> Gallery <br> Graphic Organizers <br> KWL charts <br> Guided Reciprocal Peer Questioning <br> Hand Signals <br> Interviews <br> Journals <br> Learning <br> Muddiest Point <br> "No Hands Up" <br> A "No Hands Up" <br> Open-ended Questions <br> One-sentence Summary <br> Performance Task <br> Quick Write <br> Random <br> Rubrics <br> Short Quizzes <br> Student-generated Test <br> Surveys/Rating Scales Surveys and Rating Scales provide an easy-to-use <br> Think-Pair-Share <br> Write Before Discussion <br> Graphic Organizer <br> Unit Assessment <br> Notebook Check <br> Homework <br> Correct the error |
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| Teacher: Black | Course: Geo Grade Level(s): 10-12 |
|  | Unit 5 <br> Topic(s): Proportions and Similarity |
| Content/Big Ideas | Ratios, similar figures, proportions |
| Essential Questions | How can we use proportions to determine missing information? <br> How do we use proportions to determine missing sides or lengths of figures? <br> How can we use proportional relationships of similar figures in order to find other measurements? |


| Concepts | Proportions, similar figures, proportional parts |
| :--- | :--- |
| Competencies | Use ratios and proportions to find similarity in figures. |
|  |  |


| Standards/Benchmarks | M11.A.2.1.3 Identify and/or use proportional relationships in problem solving settings <br> G.1.3.1.1 Identify and/or use properties of congruent and similar polygons or solids <br> G.1.3.1.2 Identify and/or use proportional relationships in similar figures <br> CC2.3.HS.A. 2 Apply rigid transformations to determine and explain congruence. <br> CC2.3.HS.A. 5 Create justifications based on transformations to establish similarity of plane figures. <br> CC2.3.HS.A. 6 Verify and apply theorems involving similarity as they relate to plane figures. <br> M11.C.1.3.1 Identify and/or use properties of congruent and similar polygons or solids <br> G.1.3.1.1 Identify and/or use properties of congruent and similar polygons or solids <br> G.1.3.1.2 Identify and/or use proportional relationships in similar figures <br> CC2.3.HS.A. 2 Apply rigid transformations to determine and explain congruence. <br> CC2.3.HS.A. 5 Create justifications based on transformations to establish similarity of plane figures. <br> CC2.3.HS.A. 6 Verify and apply theorems involving similarity as they relate to plane figures. <br> M11.A.2.1.3 Identify and/or use proportional relationships in problem solving settings <br> M11.C.1.3.1 Identify and/or use properties of congruent and similar polygons or solids <br> G.1.3.1.1 Identify and/or use properties of congruent and similar polygons or solids <br> G.1.3.1.2 Identify and/or use proportional relationships in similar figures <br> CC2.3.HS.A. 2 Apply rigid transformations to determine and explain congruence. <br> CC2.3.HS.A. 5 Create justifications based on transformations to establish similarity of plane figures. <br> CC2.3.HS.A. 6 Verify and apply theorems involving similarity as they relate to plane figures. |
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| Activities \& Assessments | Debates <br> Directed Paraphrasing <br> Exit Ticket <br> Follow-up Questioning <br> Gallery <br> Graphic Organizers <br> KWL charts <br> Guided Reciprocal Peer Questioning <br> Hand Signals <br> Interviews <br> Journals <br> Learning <br> Muddiest Point <br> "No Hands Up" <br> A "No Hands Up" <br> Open-ended Questions <br> One-sentence Summary <br> Performance Task <br> Quick Write <br> Random <br> Rubrics <br> Short Quizzes <br> Student-generated Test <br> Surveys/Rating Scales Surveys and Rating Scales provide an easy-to-use <br> Think-Pair-Share <br> Write Before Discussion <br> Graphic Organizer <br> Unit Assessment <br> Notebook Check <br> Homework <br> Correct the error |
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| Teacher: Black | Course: Geometry Grade Level(s): 10-12 |
|  | Unit 6 <br> Topic(s): Right Triangles and Trigonometry |
| Content/Big Ideas | radicals, geometric mean, right triangles, trigonometry Patterns exhibit relationships that can be extended, described, and generalized. Geometric relationships can be described, analyzed, and classified based on spatial reasoning and/or visualization |


| Essential Questions | How can we use square roots in geometry? <br> How do you use the geometric mean to find unknown sides in right <br> triangles? <br> How can we apply the Pythagorean Theorem to solve real world <br> problems? <br> How do fractions contribute to solving problems in right triangles? <br> How can we use the laws to solve for missing measures in non right <br> triangles? |
| :--- | :--- |
| Concepts | Radicals, Geometric Mean, Right triangles, Trigonometry, Law of Sines <br> and Cosines* |
| Competencies | Define and/or apply trigonometric ratios. Solve problems involving <br> right triangles (Pythagorean Theorem, right triangle trigonometry) |


| Standards/Benchmarks | M11.A.1.1.3 Simplify square roots. <br> A1.1.1.1.2 Simplify square roots <br> CC(ALg1)2.1.8.E.1 Distinguish between rational and irrational numbers using their properties. <br> CC(Alg1)2.1.8.E.4 Estimate irrational numbers by comparing them to rational numbers. <br> CC(Alg1)2.1.HS.F. 1 Apply and extend the properties of exponents to solve <br> problems with rational exponents. <br> CC(Alg1)2.1.HS.F. 2 Apply properties of rational and irrational numbers to solve real world or mathematical problems. Standards: <br> M11.C.1.2.1 Identify and/or use properties of triangles (e.g., medians, altitudes, angle bisectors, side/angle relationships, Triangle Inequality Theorem) <br> M11.C.1.4.1 Find the measure of a side of a right triangle using the Pythagorean Theorem (Pythagorean Theorem included on the reference sheet) <br> G.2.1.1.1 Use the Pythagorean theorem to write and/or solve problems involving right triangles <br> CC2.3.HS.A. 7 Apply trigonometric ratios to solve problems involving right triangles. <br> CC2.2.HS.C. 9 Prove the Pythagorean identity and use it to calculate trigonometric ratios. <br> G.2.1.1.2 Use trigonometric ratios to write and/or solve problems involving right triangles <br> CC2.3.HS.A. 7 Apply trigonometric ratios to solve problems involving right triangles. <br> CC2.2.HS.C. 9 Prove the Pythagorean identity and use it to calculate trigonometric ratios. <br> G.2.1.1.2 Use trigonometric ratios to write and/or solve problems involving right triangles <br> CC2.3.HS.A. 7 Apply trigonometric ratios to solve problems involving right triangles. <br> CC2.2.HS.C. 9 Prove the Pythagorean identity and use it to calculate trigonometric ratios. |
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| Activities \& Assessments | Debates <br> Directed Paraphrasing <br> Exit Ticket <br> Follow-up Questioning <br> Gallery <br> Graphic Organizers <br> KWL charts <br> Guided Reciprocal Peer Questioning <br> Hand Signals <br> Interviews <br> Journals <br> Learning <br> Muddiest Point <br> "No Hands Up" <br> A "No Hands Up" <br> Open-ended Questions <br> One-sentence Summary <br> Performance Task <br> Quick Write <br> Random <br> Rubrics <br> Short Quizzes <br> Student-generated Test <br> Surveys/Rating Scales Surveys and Rating Scales provide an easy-to-use <br> Think-Pair-Share <br> Write Before Discussion <br> Graphic Organizer <br> Unit Assessment <br> Notebook Check <br> Homework <br> Correct the error |
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| Teacher: Black | Course: Geo Grade Level(s): 10-12 |
|  | Unit 7 <br> Topic(s): Polygons |
| Content/Big Ideas | polygons, parallelograms, rectangle, rhombus, square, trapezoid |


| Essential Questions | How does the name of a polygon relate to finding their angle measures? How can the properties of sides and angles of polygons be used to ensure a quadrilateral is a parallelogram? Lesson EQ's: <br> How do the properties of special parallelograms differ? <br> How can we identify a shape on the coordinate plane using the slope and distance formula? <br> How can we use the properties of trapezoids to find missing values? |
| :---: | :---: |
| Concepts | Basics of Polygons, Basics of Parallelograms, Rectangles,Rhombi, Squares, Kites, Trapezoids |
| Competencies | How can we apply the properties of polygons to determine certain figures? |
| Standards/Benchmarks | Standards: <br> M11.C.1.2.2 Identify and/or use properties of quadrilaterals (e.g.,parallel sides, diagonals, bisectors, congruent sides/angles and G.1.2.1.4 Identify and/or use properties of regular polygons CC2.3.HS.A. 3 Verify and apply geometric theorems as they relate to geometric figures. <br> CC2.3.HS.A. 13 Analyze relationships between two-dimensional and three-dimensional objects. <br> Standards: <br> G.1.2.1.2 Identify and/or use properties of quadrilaterals CC2.3.HS.A. 3 Verify and apply geometric theorems as they relate to geometric figures. <br> CC2.3.HS.A. 13 Analyze relationships between two-dimensional and three-dimensional objects. <br> CC2.3.HS.A. 3 Verify and apply geometric theorems as they relate to geometric figures. |


| Activities \& Assessments | Debates <br> Directed Paraphrasing <br> Exit Ticket <br> Follow-up Questioning <br> Gallery <br> Graphic Organizers <br> KWL charts <br> Guided Reciprocal Peer Questioning <br> Hand Signals <br> Interviews <br> Journals <br> Learning <br> Muddiest Point <br> "No Hands Up" <br> A "No Hands Up" <br> Open-ended Questions <br> One-sentence Summary <br> Performance Task <br> Quick Write <br> Random <br> Rubrics <br> Short Quizzes <br> Student-generated Test <br> Surveys/Rating Scales Surveys and Rating Scales provide an easy-to-use <br> Think-Pair-Share <br> Write Before Discussion <br> Graphic Organizer <br> Unit Assessment <br> Notebook Check <br> Homework <br> Correct the error |
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| Teacher: Black | Course: Geometry Grade Level(s): 10-12 |
|  | Unit 8 <br> Topic(s): Circles |
| Content/Big Ideas | parts of circles, relationships with arcs, chords and diameters, inscribed angles and tangents of circles |


| Essential Questions | How can we use the parts of circles to solve problems about their dimension, length and measurement? <br> What relationships of arcs, chords and diameters are used in circles? <br> How can we find the measures of inscribed angles and polygons? <br> How can you use the properties of a tangent to a circle? <br> How do you find measures of angles formed by lines intersecting on, inside or outside a circle? <br> What is the relationship of segments that intersect inside or outside a circle? |
| :---: | :---: |
| Concepts | Basics of Circles, Arcs and Chords, Inscribed Angles, Tangents, Secants, Tangents, and angle measures, Special Segments in Circles |
| Competencies | Identify, determine, and/or use parts of circles and segments, lines, and angles associated with circles. Extend the concept of similarity to determine arc lengths and areas of sectors. Understand and apply theorems about circles |
| Standards/Benchmarks | M11.C.1.1.1 Identify and/or use the properties of a radius, diameter and/or tangent of a circle (given numbers should be whole) <br> M11.C.1.1.2 Identify and/or use the properties of arcs, semicircles, inscribed angles and/or central angles <br> G.1.1.1.3 Use chords, tangents, and secants to find missing arc measures or missing segment measures <br> CC2.3.HS.A. 8 Apply geometric theorems to verify properties of circles. CC2.3.HS.A. 9 Extend the concept of similarity to determine arc lengths and areas of sectors of circles. <br> CC2.3.HS.A. 13 Analyze relationships between two-dimensional and three-dimensional objects. <br> G.2.2.2.5 Find the area of a sector of a circle. <br> CC2.3.HS.A. 3 Verify and apply geometric theorems as they relate to geometric figures. <br> CC2.3.HS.A. 9 Extend the concept of similarity to determine arc lengths and areas of sectors of circles. <br> CC2.2.HS.C. 1 Use the concept and notation of functions to interpret and apply them in terms of their context. |


| Activities \& Assessments | Debates <br> Directed Paraphrasing <br> Exit Ticket <br> Follow-up Questioning <br> Gallery <br> Graphic Organizers <br> KWL charts <br> Guided Reciprocal Peer Questioning <br> Hand Signals <br> Interviews <br> Journals <br> Learning <br> Muddiest Point <br> "No Hands Up" <br> A "No Hands Up" <br> Open-ended Questions <br> One-sentence Summary <br> Performance Task <br> Quick Write <br> Random <br> Rubrics <br> Short Quizzes <br> Student-generated Test <br> Surveys/Rating Scales Surveys and Rating Scales provide an easy-to-use <br> Think-Pair-Share <br> Write Before Discussion <br> Graphic Organizer <br> Unit Assessment <br> Notebook Check <br> Homework <br> Correct the error |
| :---: | :---: |
| Teacher: Black | Course: Geometry Grade Level(s): 10-12 |
|  | Unit 9 <br> Topic(s): Area, Perimeter, Surface Area, Volume |
| Content/Big Ideas | Geometric relationships can be described, analyzed, and classified based on spatial reasoning and/or visualization. |

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\begin{array}{|l|l|}\hline \text { Essential Questions } & \begin{array}{l}\text { How are the dimensions of two-dimensional figures used in the real } \\
\text { world? How does change in the linear dimension of a figure affect its } \\
\text { perimeter, circumference and area? How are the dimensions of three- } \\
\text { dimensional figures used in the real world? How does change in the } \\
\text { linear dimension of a figure affect its surface area and volume? How do } \\
\text { you find the measurement of the missing length given the surface area } \\
\text { or volume? }\end{array}
$$ \\

\hline Concepts \& Measuremen t and Dimension\end{array}\right\}\)| Competencies |
| :--- |
| Use and/or compare measurements of angles. Use and/or develop <br> procedures to determine, describe, or estimate measures of perimeter, <br> circumference, area, surface area, and/or volume. Describe how a <br> change in the linear dimension can affect perimeter, circumference, <br> area, surface area, and/or volume. Visualize the relation between two- <br> and three-dimensional objects. Apply geometric concepts in modeling <br> situations. |


| Standards/Benchmarks | M11.B.2.2.4 Find the measurement of a missing length given the perimeter, circumference, area or volume. <br> M11.B.2.3.1 Describe how a change in the linear dimension of a figure affects its perimeter, circumference, area or volume. <br> G.2.2.2.2 Find the measurement of a missing length, given the perimeter, circumference, or area Standards: <br> M11.B.2.3.1 Describe how a change in the linear dimension of a figure affects its perimeter, circumference, area or volume. <br> M11.B.2.2. 1 Calculate the surface area of prisms, cylinders, cones, pyramids and/or spheres. Formulas are provided on the reference sheet <br> G.1.1.1.4 Identify and/or use the properties of a cylinder or sphere <br> G.2.3.1.1 Calculate the surface area of prisms, cylinders, cones, pyramids, and/or spheres. Formulas are provided on a reference sheet G.2.3.1.2 Calculate the volume of prisms, cylinders, cones, pyramids, and/or spheres. Formulas are provided on a reference sheet CC2.3.HS.A. 8 Apply geometric theorems to verify properties of circles. CC2.3.HS.A. 9 Extend the concept of similarity to determine arc lengths and areas of sectors of circles. <br> CC2.3.HS.A. 13 Analyze relationships between two-dimensional and three-dimensional objects <br> CC2.3.HS.A. 14 Apply geometric concepts to model and solve real world problems. <br> CC2.3.HS.A.12 Explain volume formulas and use them to solve problems. G.2.3.2.1 Describe how a change in the linear dimension of a figure affects its surface area or volume (e.g., How does changing the length of the edge of a cube affect the volume of the cube?). |
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|  | Debates |
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|  | Directed Paraphrasing |
|  | Exit Ticket |
|  | Follow-up Questioning |
|  | Gallery |
|  | Graphic Organizers |
|  | KWL charts |
|  | Guided Reciprocal Peer Questioning |
|  | Hand Signals |
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|  | Surveys/Rating Scales Surveys and Rating Scales provide an easy-to-use |
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|  | Notebook Check |
|  | Homework |
| Correct the error |  |

