

Name of Lesson- Algebra and Algebraic Thinking

Standard: SC College and Career Readiness: 3.ATO.6 Solve real -world problems involving equal groups using basic multiplication and division facts. Represent the problem situation using an equation with a symbol for the unknown.

Learning Objective: I, student, will review writing and solving equations with variables to determine the answers to multi-step real-world problems using the four operations and whole numbers.

Essential Questions:

1. How do I write equations with variables to determine the answers to multi-step real-world problems using the four operations and whole numbers?
2. How do I solve equations with variables to determine the answers to multi-step real-world problems using the four operations and whole numbers?

Assignment: Students will complete individual assignments writing and solving equations with variables to determine the answers to multi-step real-world problems using the four operations and whole numbers.

Materials: Students will complete the assignments in their individual i-Ready Math program under the heading Algebra and Algebraic Thinking.

Additional Resources: Students may use Moby Max, Quick Math

Students are responsible for completing 2 lessons in i-Ready Math per day under Algebraic Thinking subsequently.

Name of Lesson- Algebra and Algebraic Thinking

Standard: SC College and Career Readiness: 3.ATO.4 Determine the unknown whole numbers in a multiplication or division equation relating 3 whole numbers.

Learning Objective: I, the student, will multiply or divide whole numbers to solve real-world problems involving multiplicative comparisons.

Determine the unknown whole number in a multiplication or division equation relating three whole numbers.

Essential Questions:

1. How do I determine the unknown whole number in a multiplication or division equation relating three whole numbers?
2. How do I solve equations with the unknown whole number in a multiplication or division equation relating three whole numbers?
3. Assignment: Students will complete individual assignments determining the unknown whole number in a multiplication or division equation relating three whole numbers.

Materials: Students will complete the assignments in their individual i-Ready Math program under the heading Algebra and Algebraic Thinking.

Additional Resources: Students may use Moby Max, Quick Math

Students are responsible for completing 2 lessons in i-Ready Math per day under Algebraic Thinking subsequently.

Name of Lesson- Geometry

Standard: SC College and Career Readiness:

2. G.1 Identify triangles, quadrilaterals, hexagons, and cubes. Recognize and draw shapes having specified attributes such as a given number of angles or a given number of equal faces.

Learning Objective: I, the student, use attributes, including vertices, angles, and sides, to identify, describe, sort, and classify two-dimensional shapes.

Essential Questions:

4. How do I determine and identify triangles, quadrilaterals, hexagons, and cubes?
5. How do I solve equations use attributes, including vertices, angles, and sides, to identify, describe, sort, and classify two-dimensional shapes?

6. Assignment: Students will complete individual assignments recognizing and drawing shapes having specified attributes such as a given number of angles or a given number of equal faces.

Materials: Students will complete the assignments in their individual i-Ready Math program under the heading Geometry.

- Additional Resources: Students may use:
- **Geometry** course from Learning **Math**
- Absorb **Mathematics**.
- BBC Bitesize Shape and space. ...
- **Geometry** Homework Help from **Math.com**.
- **Geometry** Reference Sheet.
- **Geometry** Tutorials.
- Dynamic **Geometry**® Explorations.

Students are responsible for completing 2 lessons in i-Ready Math per day under Geometry subsequently.

Name of Lesson- Geometry

Standard: SC College and Career Readiness:

1.G.1 Combine two-dimensional shapes in more than one way to form a composite shape.

Learning Objective: I, the student, will identify points, lines, line segments, rays and planes in two dimensional figures.

Essential Questions:

1. What are points, lines, line segments, rays and planes?
2. How do will identify points, lines, line segments, rays and planes in two dimensional figures

Assignment: Students will complete individual assignments recognizing and identifying points, lines, line segments, rays and planes in two dimensional figures.

Materials: Students will complete the assignments in their individual i-Ready Math program under the heading- Geometry.

- Additional Resources: Students may use:
- **Geometry** course from Learning **Math**
- Absorb **Mathematics**.
- BBC Bitesize Shape and space. ...
- **Geometry** Homework Help from **Math.com**.
- **Geometry** Reference Sheet.
- **Geometry** Tutorials.
- Dynamic **Geometry**® Explorations.

Students are responsible for completing 2 lessons in i-ready Math per day under Geometry subsequently.

Name of Lesson- Geometry

Standard: SC College and Career Readiness:

1.G.1 Combine two-dimensional shapes in more than one way to form a composite shape.

Learning Objective: I, the student, will combine and separate two-dimensional shapes to create other two-dimensional shapes and predict the results.

Essential Questions:

1. What are two dimensional shapes?
2. How do I combine and separate two dimensional shapes to create other two dimensional shapes?
3. How do I predict the results?

Assignment: Students will combine and separate two-dimensional shapes to create other two-dimensional shapes and predict the results.

Materials: Students will complete the assignments in their individual i-Ready Math program under the heading Geometry.

- Additional Resources: Students may use the following:
- **Geometry** course from Learning **Math**
- Absorb **Mathematics**.
- BBC Bitesize Shape and space. ...
- **Geometry** Homework Help from **Math.com**.
- **Geometry** Reference Sheet.
- **Geometry** Tutorials.
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Students are responsible for completing 2 lessons in i-Ready Math per day under Geometry subsequently.