## Grade 2 Mathematics - Unit 7: Geometry \& Fractions Phoenixville Area School District

## Stage 1 Desired Results

| PA Core Standards: CC.2.3.2.A. 1 Analyze and draw two and threedimensional shapes having specified attributes. <br> CC.2.3.2.A. 2 Use the understanding of fractions to partition shapes into halves, quarters, and thirds. | Transfer |  |
| :---: | :---: | :---: |
|  | TRANSFER GOALS <br> Students will be able to independently use their learning to... <br> - Number Sense: Develop a sound foundation to determine the value of numbers by describing their various representations, relationships, and patterns. <br> - Problem-Solving: Persistently apply various problem-solving strategies and organized approaches to accurately understand and solve problems. <br> - Fluency: Demonstrate automatic recall of addition, subtraction, multiplication and division facts. <br> - Mathematical Vocabulary: Interpret mathematical vocabulary and apply proper terminology to engage in meaningful oral and written expression that communicates mathematical thinking, problem-solving methods, and rationale. |  |
|  | Meaning |  |
|  | UNDERSTANDINGS <br> Students will understand that... <br> - Concepts of congruency and similarity are used to relate and compare two- and three-dimensional figures. <br> - A shape's characteristics (dimensionality, side measures, angle measures, faces, edges, area, perimeter, and volume) are used for identification. <br> - Points, lines, and planes are the building blocks of geometry. | ESSENTIAL QUESTIONS <br> Students will keep considering... <br> - How are geometric shapes and objects measured/classified/compare? <br> - What tools and units are used to measure the attributes of an object? <br> - How can we use attributes and properties to solve problems? <br> - How can I put shapes together and take them apart to form other shapes? |



| Stage 2 - Evidence |  |  |  |
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| Code A/M/T | Evaluative Criteria | Assessment Evidence |  |
| N/A | N/A | RFORMANCE TASK(S) <br> Idents will demonstrate understanding (meaning making and transfer) through complex formance by... | Differentiation Considerations: N/A |
| A | All necessary work is shown with no missing <br> information/skipped steps. <br> Uses mathematics vocabulary and notation concisely and correctly. <br> All representations are clear and labeled accurately. | OTHER EVIDENCE <br> Geometry (7.1) Unit Test <br> - Multiple Choice <br> - Open-Ended Response <br> - Matching <br> Fraction (7.2) Unit Test <br> - Multiple Choice <br> - Open-Ended Response <br> - Matching | Differentiation Considerations: <br> [Work on this section after completing Stages 1-2 of all units] |

