

DCAS-Alt1 Released Task

Content Area: Math	Grade Band: HS
Name of task: Task 1: Matching Polygons	Number of Items in Task: 6
<p>Description of task:</p> <p>For each item, the student is presented with a card showing a polygon. The student is then presented with foam shapes and asked to select which shape is the same as the one shown on the card. Shape cards may be texturized for students with visual impairments.</p>	
<p>Standards addressed in this task:</p> <p>Geometry – Congruence (CO)</p> <p>(HS.5) Given a geometric figure and a rotation, reflection, or translation, draw the transformed figure using, e.g., graph paper, tracing paper, or geometry software. Specify a sequence of transformations that will carry a given figure onto another.</p> <p>Essence: Demonstrate rotations (turns), reflections (flips), and translations (slides)</p> <p>E1: Demonstrate a rotation, reflection, or translation.</p> <p>E2: Manipulate multiple shapes to fit matching spaces.</p> <p>E3: Match shapes in different orientations</p>	
<p>Connections to academic instruction:</p> <ul style="list-style-type: none"> • Identifying geometric shapes • Spatial reasoning • Matching like geometric shapes 	
<p>Real life application:</p> <ul style="list-style-type: none"> • Building models • Creating an art project • Creating a diagram (floor plan, map) Woodworking and carpentry • Object discrimination • Sorting 	