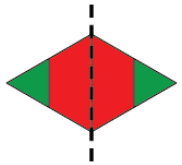
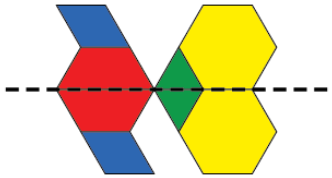
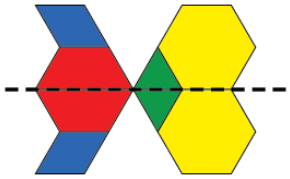
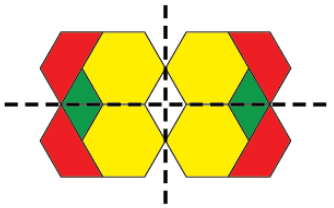
Geometry

Activity 14 Assessment
Consolidation

Exploring Symmetry with 2-D Shapes			
Identifies a line of symmetry in a design  "I see one line of symmetry. If I fold the design on the line, the 2 sides match exactly."	Completes a symmetrical design, placing most shapes correctly  "I'm not sure about the blue block, but it looks right to me."	Successfully completes a symmetrical design and uses math language to describe it  "This design is symmetrical because all the blocks below the line are reflections of the blocks above the line. I used a Mira to check."	Constructs symmetrical designs and identifies all lines of symmetry  "I made my own design. It has 2 lines of symmetry."
Observations/Documentation			

Geometry

Activity 14 Assessment
Consolidation

Applying Transformations to 2-D Shapes		
Identifies congruent shapes with same orientation  "These shapes are congruent because they have the same shape and size and are facing the same way."	Identifies congruent shapes with different orientations (uses physical movement)  "These shapes are congruent because when I turn one shape, it matches the other shape exactly."	Identifies congruent shapes with different orientations (uses visualization)  "These shapes are congruent because I can picture turning one shape half a turn to match the other."
Observations/Documentation		

Geometry

Activity 14 Assessment
Consolidation

Applying Transformations to 2-D Shapes (con't)		
Identifies translations but struggles to differentiate between reflections and rotations  "I would translate A to the right to get B. I'm not sure whether I would reflect or rotate C to get D."	Performs the transformation needed to match two congruent shapes (i.e., rotation, reflection, or translation)  "I used a Mira and the two shapes matched exactly. So, Shape C was reflected."	Uses orientation to flexibly predict and describe transformation of congruent shapes  "From A to B: same orientation, so translation to the right; from C to D: opposite orientations, so a reflection in vertical line between C and D; from E to F: different orientations, so quarter-turn clockwise rotation."
Observations/Documentation		