

# DIFFERENTIATION

## Transforming Effects of Combinations of Translation, Reflection and Rotation

Measurement and Geometry 20

Based on your Professional Teacher Judgment and Pre-assessment data, Levels with **1** may be included in the first lesson; Based on embedded assessment data, Levels with **2** **3** may be included in these lessons. The anchor charts for this concept may look like these on a 'Wall that Teaches' over a few lessons.

This page displays only Transforming Anchor Charts.

**1** MG 27 Describe one-step slides, flips, full, half, quarter turns

**1** MG 38 Create designs by reflecting, translating and rotating shapes, identifying symmetry and tessellation

MG 41 Two-dimension shape/s created by combining and splitting

- 5 unequal sides, 5 unequal vertices, irregular pentagon
- 3 sides, 3 vertices, 2 equal sides, 2 triangles
- 4 sides, 4 vertices, opposite sides equal and parallel, 2 rectangles

**1** **2** MG 50 Line / rotational / 'order' of rotational symmetry. Transform effects, translations, reflections, rotations

rotational symmetry order: 3

**2** **3** MG 62 Transforming effects and patterns formed by combinations of translation, reflection and degrees of rotation