



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 8 COURSE NAME: MATH
MEASUREMENT TOPIC: USING TRANSFORMATIONS TO UNDERSTAND
CONGRUENCE AND SIMILARITY

4

In addition to Score 3, the student makes in-depth inferences and applications.

3

- Describe the effect of a sequence of transformations on a coordinate plane.
- Describe the effect of a single transformation on and off the coordinate plane.
- Perform rigid and non-rigid transformations on the coordinate plane.

2

- Identify the transformation from the preimage to the image as a congruence or similarity.
 - Identify the congruent corresponding sides and angles between the image and preimage.
- Identify the transformation from the preimage to the image.

1

With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

Key Vocabulary: