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| **Understanding Symmetry** | | |
| Recognizes symmetry on 2-D and 3-D shapes    ”I used a Mira to find the line of symmetry.  When I folded the ladybug in half along the line, the two halves matched exactly.” | Shows line(s) of symmetry on 2-D shapes    “I drew 4 lines to show the lines  of symmetry on the clover.  I used a Mira to check.” | Describes order of rotation symmetry of 2-D shapes    “A square has rotation symmetry  of order 4.” |
| **Observations/Documentation** | | |
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| **Understanding Symmetry (cont’d)** | | |
| Relates number of reflection and rotation symmetries of regular polygons to number of equal sides and angles    “A square has 4 equal sides and 4 equal angles. So, it has 4 lines of symmetry and order of rotation symmetry 4.” | Classifies 2-D shapes by the number of reflection or rotation symmetries    “I classified the shapes by order of rotation symmetry. Shapes B and D have order of rotation symmetry 1, Shapes C, E, and F have order of rotation symmetry 2, and Shape A has order of rotation symmetry 5.” | Recognizes line and rotation symmetry in the environment    “A starfish has 5 lines of symmetry and  order of rotation symmetry 5." |
| **Observations/Documentation** | | |
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| **Locating and Plotting Points on a Coordinate Grid** | | | |
| Uses coordinates to describe the location of points on a grid    “The treasure chest is located at  (6, 3).” | Plots, locates, and labels points on a grid    “I plotted A(3, 8), B(3, 4) and C(9, 4).  I joined the points to create a right triangle.” | Uses positional language to describe the location of a point on a grid in relation to another point    “Move right 6 squares and  down 4 squares from  Point A to get to Point C.” | Flexibly models and describes the location of the vertices of a polygon on a grid    “The vertices of the trapezoid are at: A(1, 4), B(3, 8), C(8, 8), D (10, 4).” |
| **Observations/Documentation** | | | |
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