Capacity Matrix

CCSS Grade 7

**Measurement Topic:**

**Module 6: Geometry**

Name:

LF:

Start Date:

Target Completion Date:

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| **Level** | **Learning Target (use these targets to form your Learning Goals)**  | **Target Dates** | **Practice/Evidence****Task Name Scores and Dates** | **LF****Initials** |
| #1L2 | **1. LWBATU-**  angles, angle measure, dimensions, acute, obtuse, right, protractor, scale drawing, scale, plane, perpendicular, base radius, diameter, circumference, area, pi (π), circle, diameter, supplementary angles, complementary angles, vertical angles, adjacent angles, linear pairs of angles, length, width, height, altitude, area, surface area, volume, triangle, quadrilateral, square, rectangle, parallelogram, trapezoid, cube, right prism |  |  |  |
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| #2L3 | **2. LWBAT-** Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale. **(M.7.G.1)** |  | Record and Practice Journal: 7.5 |  |
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| #3L3 | **3. LWBAT-** Know the formulas for the area and circumference of a circle and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle. **(M.7.G.4)**  |  | Record and Practice Journal: 8.1, 8.2, 8.3, 9.3 |  |
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| #4L3 | **4. LWBAT-** Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure. **(M.7.G.5)**  |  | Record and Practice Journal: 7.1, 7.2, Extension 7.3 |  |
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| #5L3 | **5. LWBAT-**  Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms. **(M.7.G.6)** |  | Record and Practice Journal: 8.4, 9.1, 9.2, 9.4, 9.5 |  |
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