Capacity Matrix

Grade 8

CCSS

**Measurement Topic:**

**Module 3: Geometry (Pythagorean Theorem)**

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** |
| #1  L2 | 1.LWBATU**-** Pythagorean Theorem, leg, hypotenuse, converse, right triangle, base, height, cylinder, cone, sphere, volume, radius, height, Pi, diameter, area, base |  |  |  |
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| #2  L3 | 2. LWBAT- apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real‐world and mathematical problems in two and three dimensions. **(M.8.G.7)** |  | Record and Practice Journal: 7.3 |  |
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| #3  L3 | 3. LWBAT- apply the Pythagorean Theorem to find the distance between two points in a coordinate system. **(M.8.G.8)** |  | Record and Practice Journal: 7.5 |  |
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| #4  L3 | 4. LWBAT- use the formulas for the volumes of cones, cylinders, and spheres and use them to solve real‐world and mathematical problems. **(M.8.G.9)** |  | Record and Practice Journal: 8.1, 8.2, 8.3, 8.4 |  |
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