**Measurement Topic:**

**Module 2: Expressions and Equations**

**Rationality and Exponentiation**

Capacity Matrix

Level 8

CCSS

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**-** integer, exponent, power, base, cube, square, cube root, square root, radical, perfect square, perfect cube, irrational number, rational number, estimate, power of ten, scientific notation, decimal notation |  |  |  |
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| #2  L3 | 2. LWBAT**-** Know and apply the properties of integer exponents to generate equivalent numerical expressions. **(M.8.EE.1)** |  | Record and Practice Journal: 10.1, 10.2, 10.3, 10.4 |  |
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| #3  L3  #4  L3 | 3. LWBAT- Use square roots and cube roots to represent solutions to equations. Evaluate square roots of perfect squares and cube roots of small perfect squares. **(M.8.EE.2)**  4. LWBAT**-** Perform operations with numbers expressed in scientific notation, including problems where both decimal and scientific notation are used. Use scientific notation and choose units of appropriate size for measurements of very  large or very small quantities. Interpret scientific notation that has been generated by technology. **(M.8.EE.4)** |  | Record and Practice Journal: 7.1, 7.2, 7.4 |  |
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| Record and Practice Journal: 10.5, 10.6, 10.7 |  |