Capacity Matrix

CCSS Grade 6

**Measurement Topic:**

**Module 4: Expressions and Equations**

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. LWKVT-** sum, difference, product, quotient, term, factor, coefficient, arithmetic expression, algebraic expression, equivalent expressions, commutative property, associative property, distributive property, identity property, inverse property, equality property, equation, inequality, substitution, solve, solution, variable, constant,, algebraic equation, evaluate, values, unknown, specified set, inverse operations, inequality, infinitely many solutions dependent variable, independent variable, coordinate plane, x-axis, y-axis, origin, x-coordinate, y-coordinate, quadrants |  |  |  |
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| #2L3 | **2. LWBAT-** Write, read, and evaluate expressions in which letters stand for numbers. **(M.6.EE.2)** |  | Record and Practice Journal: 1.5, 3.1, 3.2, 3.4 |  |
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| #4L3 | **4. LWBAT-** Apply the properties of operations to generate equivalent expressions. **(M.6.EE.3)** |  | Record and Practice Journal: 3.3, 3.4 |  |
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| #5L3 | **5. LWBAT-**  Solve real-world and mathematical problems by writing and solving equations of the form x+p=q and px=q for cases in which p, q and x are all nonnegative rational numbers. **(M.6.EE.7)** |  | Record and Practice Journal: 7.1, 7.2, 7.3 |  |
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| #6L3 | **6. LWBAT-** Write an inequality of the form x>c or x<c to represent a constraint or condition in a real-world or mathematical problem. Recognize that inequalities of the form x>c or x<c have infinitely many solutions; represent solutions of such inequalities on number line diagrams. **(M.6.EE.8)** |  | Record and Practice Journal: 7.5, 7.6, 7.7 |  |
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| #7L3 | **7. LWBAT-**  Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation. **(M.6.EE.9)** |  | Record and Practice Journal: 7.4 |  |
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