Ms.  Baker

Math Lesson Plans

05/28-05/31

Properties of Multiplication and Division

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|  | Monday  05/27 | Tuesday  05/28 | Wednesday  05/29 | Thursday  05/30 | Friday  05/31 |
| Content  Objective | TSWBAT demonstrate the ability to Form rectangles by tiling with unit squares to make arrays by  Writing a multiplication sentence for each tiled rectangle.  with 100% accuracy | No School | TSWBAT demonstrate the ability to Draw rows and columns to determine the area of a rectangle given an incomplete array by  finding the number of rows and columns in each array  with 100% accuracy | TSWBT  Interpret area models to form rectangular arrays by Finding the area of each rectangular array. with 100% accuracy | Find the area of a rectangle through multiplication of the side lengths by Writing a multiplication equation to find the area of each rectangle  with 100% accuracy |
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| Language  Objective | TSWBAT  **orally**  Identify the area of rectangle by  **by** using and sharing the stem sentence with their A/B partner “area of a rectangle is ….” | NO school | TSWBAT  **orally**  Identify the number of rows and columns in each array  **by** using and sharing the stem sentence with their A/B partner “ I can find the area of a rectangle by ….” | TSWBAT  Orally  Explain their strategy to interpret an array model by using and sharing the stem sentence with their A/B partner “I can interpret an array model by ….” | TSWBAT  **orally**  Identify the meaning of multiplication equation by  **by** using and sharing the stem sentence with their A/B partner “Multiplication equation means ….” |
| **Key**  **Vocabulary** |  | Division sentence  Multiplication sentence  Unknown  Arithmetic pattern  Parentheses  Multiples of 10  Place value  Associative property  Disruptive property  Communitive property |  | Division sentence  Multiplication sentence  Unknown  Arithmetic pattern  Parentheses  Multiples of 10  Place value  Associative property  Disruptive property  Communitive property | Division sentence  Multiplication sentence  Unknown  Arithmetic pattern  Parentheses  Multiples of 10  Place value  Associative property  Disruptive property  Communitive property |

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| **Common Core Standard**    **Operations & Algebraic Thinking » Represent and solve problems involving multiplication and division.** | CCSS.MATH.  all | CCSS.MATH. 3.MD.5 Recognize area as an attribute of plane figures and understand concepts of area measurement. 3.MD.6 Measure areas by counting unit squares (square cm, square m, square in, square ft, and improvised units). | CCSS.MATH. | CCSS.MATH3.MD.5 Recognize area as an attribute of plane figures and understand concepts of area measurement.  3.MD.6 Measure areas by counting unit squares (square cm, square m, square in, square ft, and improvised units).  . | CCSS.MATH. |