**lead4ward**

| Activity Title<br>Student Expectations | Activity Topic | Type | | | Delivery | | |
|---|---|---|---|---|---|---|---|
| | | new learning | intervention | practice | teacher-facilitated | small groups | stations |
| **Round Whole Numbers** | | | | | | | |
| **What Am I Closest to?**<br>4.2(D) | **Round Numbers Through the Hundred Thousands Place**<br>Students use informal rounding prior to learning formal rounding procedures. | ✓ | | | ✓ | | |

| | | Type | | | Delivery | | |
|---|---|---|---|---|---|---|---|
| | | new learning | intervention | practice | teacher-facilitated | small groups | stations |
| ***Estimation – Multiplication of Whole Numbers* subcluster** | | | | | | | |
| **Model Mania**<br>4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H) | **2-Digit by 2-Digit with Concrete Models, Arrays, Area Models, and Estimation**<br>Students estimate products, then use concrete models, arrays, and area models to solve problems. | ✓ | ✓ | | ✓ | | |
| **What Are You Doing?**<br>4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H) | **2-Digit by 2-Digit with Area Models, Partial Products, and Standard Algorithm**<br>Students estimate products, then use area models, partial products, and the standard algorithm to solve problems. | ✓ | ✓ | | ✓ | | |
| **Welcome to Elf Country**<br>4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H) | **3-Digit by 1-Digit with Area Models, Partial Products, and Standard Algorithm**<br>Students estimate products, then use area models, partial products, and the standard algorithm to solve problems. | ✓ | ✓ | | ✓ | | |
| **The Robot Assistant**<br>4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H) | **3-Digit by 1-Digit with Area Models, Partial Products, and Standard Algorithm**<br>Students estimate products, then use area models, partial products, and the standard algorithm to solve problems. | | ✓ | ✓ | | ✓ | |
| **Rocky Road**<br>4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H) | **4-Digit by 1-Digit with Area Models, Partial Products, and Standard Algorithm**<br>Students estimate products, then use area models, partial products, and the standard algorithm to solve problems. | ✓ | ✓ | | ✓ | | |
| **Lucy Dynamic's Invention**<br>4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H) | **4-Digit by 1-Digit with Partial Products and Standard Algorithm**<br>Students estimate products, then use partial products and the standard algorithm to solve problems. | | ✓ | ✓ | | ✓ | |

*activities listed are connected with the Estimation subcluster and available in the Multiplication of Whole Numbers subcluster.