TEKS Cluster:         Addition and Subtraction of Whole Numbers
TEKS Subcluster:    Estimation of Whole Numbers
Student Expectations:  3.4(B) - Connected SE: 3.4(A)
Activities Summary:    Students learn to estimate solutions to addition and subtraction problems using rounding or compatible numbers. Estimation activities are also located in the **Addition/Subtraction of Whole Numbers** subcluster**.**

**lead4ward**

| Activity Title<br>Student Expectations | Activity Topic | Type | | | Delivery | | |
|---|---|---|---|---|---|---|---|
| | | new learning | intervention | practice | teacher-facilitated | small groups | stations |
| **How Many \_\_\_\_ Are in the Jar?**<br>3.4(A), 3.4(B) | **Learn the Base Facts**<br>On Day 1, teams estimate the items in a jar and discuss how the estimates were made. On Day 2, students discover which team made the best estimate, determine whether their estimates are higher or lower than the number of items, and add or subtract to get as close as possible to the actual number of items. | | | ✓ | | ✓ | |
| **What's for Lunch?**<br>3.4(A), 3.4(B) | **Review Addition to 500 Using Place Value**<br>Students estimate, then add using expanded form and the standard algorithm. | ✓ | ✓ | | ✓ | | |
| **Field Day Fun!**<br>3.4(A), 3.4(B) | **Review Addition to 1,000 Using Place Value**<br>Students estimate, then add using partial sums and the standard algorithm. | ✓ | ✓ | | ✓ | | |
| **Hold-On-Tight Water Park!**<br>3.4(A), 3.4(B) | **Review Subtraction to 1,000 Using Place Value**<br>Students estimate then subtract using expanded form and the standard algorithm. | ✓ | ✓ | | ✓ | | |
| **A Visit to Mr. Haroo's Zoo**<br>3.4(A), 3.4(B) | **Review Subtraction to 1,000 with Focus on 0's Using Place Value**<br>Students estimate then subtract using expanded form and the standard algorithm. | ✓ | ✓ | | ✓ | | |
| **Stations**<br>3.4(A), 3.4(B) | **Practice Addition, Subtraction, and Estimation in Stations**<br>Activity includes three stations where students guess a number using estimation, fill in the blanks on addition and subtraction problems, and add or subtract to get close to a target number. | | | ✓ | | | ✓ |