

TEKS Cluster: Addition and Subtraction of Whole Numbers

TEKS Subcluster: Numerical Patterns

Student Expectations: 3.5(E)

Activities Summary: Students are introduced to the world of algebraic reasoning through real-world numerical relationships. These activities develop the concept that the process that connects the Input with the Output in a table is consistent from row-to-row.

Note: Each of the activities in this subcluster are included in both the **Addition and Subtraction of Whole Numbers** cluster and the **Multiplication and Division of Whole numbers** cluster.

Activity Title Student Expectations	Activity Topic	Type			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
<b>Exploring Tables</b> 3.5(E)	<b>Real-world Data and Comparisons</b> This activity focuses on the numerical relationship between the input and output in horizontal tables. Students draw pictures to represent the numerical relationships and find the outputs. Then the class discusses the use of the process column.	✓	✓		✓		
<b>Extending Tables</b> 3.5(E)	<b>Real-world Data and Comparisons</b> This activity focuses on the numerical relationship between the input and output in vertical tables. Students draw pictures to represent the numerical relationships and find the outputs. Then the class discusses the relationships between the input and the output.	✓	✓		✓		
<b>Mr. Haroo's Zoo</b> 3.5(E)	<b>Real-world Data and Comparisons</b> Students use the relationship between the input and output to create tables and solve problems.			✓		✓	