

**Mansfield Independent School District
Mathematics Assurances
Kindergarten**

Kindergarten Mathematics Assurances

By the end of the grade level, students will:

- Use concrete objects to show one to one correspondence through 20, both in oral and written form.
- Describe order of events or objects (sequence) using ordinal numbers such as first, second, third, etc.
- Describe positions of objects (location) in relation to another object using above, below, over, under, before, and after.
- Explain half of a whole by separating a whole into equal parts.
- Model and create addition (compose) and subtraction (decompose) problems with concrete objects.
- Identify, create patterns, and use patterns to extend and predict what comes next, including counting to 100.
- Use attributes to determine how objects are alike and different, and recognize characteristics of two-dimensional and three-dimensional geometric figures.
- Uses attributes such as length (longer/shorter/same), weight (heavier/lighter/same), capacity (holds more/holds less/holds the same), and temperature (hotter/colder/same) to compare and order events, situations, and/or objects.
- Uses time to measure the duration (more time/less time) and sequence (first/next/last) of events.
- Construct and use graphs using real objects or pictures to answer questions.
- Student uses logical reasoning to make sense of his/her world by applying mathematic skills to solve problems connected to everyday experiences and activities.
- Justify their answers.
- Communicate mathematically.