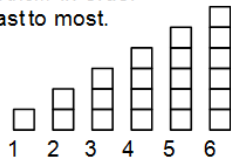


Our Learning Goals:

- Count a set of up to 20 objects.
- Compare and order quantities to 12.
- Combine two small quantities accurately.
- Interpret (retell the action and sequence) and solve addition story problems

Use cubes to build towers for numbers, and put them in order from least to most.



Why Is My Child Learning Strategies?

The Texas Essential Knowledge and Skills (TEKS) are the standards Texas teachers follow to ensure a quality education for all students. Our standards specifically state that it is important for students to solve problems using multiple strategies and mathematical relationships.

“Students with good number sense can think and reason flexibly with numbers, use numbers to solve problems, spot unreasonable answers, understand how numbers can be taken apart and put together in different ways, see connections among the operations, figure mentally and make reasonable estimates.” “In contrast, students with poor number sense tend to rely on procedures rather than reason, often do not notice when answers or estimates are unreasonable and have limited numerical common sense.” (Marilyn Burns, [About Teaching Mathematics](#))

How Will My Child be Assessed?

Students will be assessed informally and formally throughout the unit through teacher observation and one-on-one interviews. They will be asked to explain how they are thinking about the math concepts they are learning.

Math Literature

You can find the following books in your local library and read them together.

- Anno, Mitsumasa. Anno’s Counting Book
- Bang, Molly. Ten, Nine, Eight. (English/Spanish)
- Carle, Eric. Rooster’s Off to See the World.
- Crews, Donald. Ten Black Dots. (English/Spanish)
- Emberley, Rebecca. My Numbers (Mis Numeros).
- Falwell, Cathryn. Feast for 10.
- Grossman, Virginia and Sylvia Long. Ten Little Rabbits.
- Micklethwait, Lucy. I Spy Two Eyes: Numbers in Art.
- Onyefulu, Ifeoma. Emeka’s Gift: An African Counting Book.
- Peek, Merle. Roll Over!: A Counting Song.
- Pluckrose, Henry Arthur. Numbers.

How Can I Help My Student?

In math class, students engage in math problems to discuss underlying math concepts. They are asked to share their thinking and solutions with others. It is important that children solve problems accurately in ways that make sense to them. Be sure to have your student explain his/her thinking to you.

What Activities Can I Do At Home?

Counting Activities

Your child can count collections of objects. Many first graders are able to count quantities of about 20 to 30 accurately. With your help, your child can count even higher. Together, count sets of objects around the house such as silverware, pennies, or collections of cars or animals. You can also look in books, magazines, and newspapers for pictures that your child can count.

Weather

At school, we use a calendar as a tool for keeping track of time and dates. To help your child become more familiar with a calendar, hang one at home at your child’s eye level, and let him or her mark the important dates in your family’s life. If space allows, he or she can write or draw one thing to remember about each day.

Games

Your child will be bringing home some games to play with you during this unit. As you play, ask your child to explain how he or she is thinking about the problem.