

Family & Community Guide

KINDERGARTEN MATH

KEY CONCEPTS & SKILLS

Numbers & Operations

- Count to 100 by 1s and 10s
- Count backward from 20 by 1s
- Identify and write numbers 1-20
- Recognize patterns
- Compare two numbers between 1 and 20

Algebraic Reasoning

- Automatically add and subtract up to 5
- Know combinations of 10
- Solve word problems within 10 by adding to or taking away from
- Recognize repeating patterns

Geometry & Measurement

- Identify and name 2D shapes
- Identify and name 3D shapes
- Compare 2D shapes
- Make a shape by combining two or more simple shapes
- Tell time related to life (today, tomorrow...)

Data, Probability, & Statistics

- Sort and classify objects up to 10

EXAMPLES OF CLASSROOM LEARNING

- Practicing writing numbers 1-20
- Playing counting games
- Drawing pictures of combining/taking away
- Dot to dot pages
- Using objects to find combinations of 10
- Using blocks to make patterns
- Using objects to add and subtract within 5
- Acting out addition and subtraction word problems
- Creating pictures by combining 2D shapes
- Building using 3D shapes
- Using a calendar to look at time related to life (today, tomorrow, yesterday)
- Comparing objects (my book is longer than yours!)
- Classifying objects and explaining why

HOW CAN YOU HELP AT HOME?

- Use a calendar for patterns, counting, etc.
- Have your child count in different scenarios (toys, snacks, etc.)
- Dot to dot pages
- Use a number line to talk about adding, subtracting, comparing
- Make patterns using objects from home
- Use objects to add/subtract within 5
- Hand out objects and have your child classify them any way they want, then have them explain their reasoning