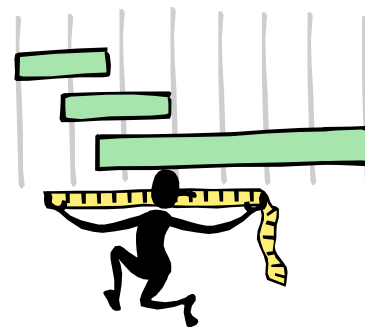


Preschool

Measurement and Data

MACCSS Standards Being Addressed:



PK.MD.1. Recognize the attributes of length, area, weight, and capacity of everyday objects using appropriate vocabulary (e.g., *long, short, tall, heavy, light, big, small, wide, narrow*).

PK.MD.2. Compare the attributes of length and weight for two objects, including longer/shorter, same length; heavier/lighter, same weight; holds more/less, holds the same amount.

PK.MD.3. Sort, categorize, and classify objects by more than one attribute.

PK.MD.4. Recognize that certain objects are coins and that dollars and coins represent money.

Rationale:

Students learn to describe objects in their environment using appropriate vocabulary. They learn to use a variety of strategies to classify. Students begin to learn the function and value of money. Students gain foundational knowledge required to access the general curriculum in later grades.

Suggested Activities to Practice at Home and in the Community:

- Ask your child to follow simple directions containing targeted concepts (i.e., can you hand me the short cup, can you find me a big bowl).
- Use building activities to teach concepts such as long, short, tall, wide, narrow (Build some block towers and discuss what is tall, short, taller, and shorter. Ask your child how he/she knows that this tower is taller. Build chains with links, pop beads, or make pasta necklaces and discuss the lengths of your creations).
- For a greater challenge, give your child two piles of blocks to build some towers and ask them to guess which tower will be taller. How did they know?
- Have your child practice sorting their toys. Put all of the blocks in one bin, the cars in another, the dolls in another. Increase the challenge by sorting in new ways (i.e., sort by color, size, texture, and function).
- Sort the laundry together. Ask your child to sort by article of clothing (shirts, pants, socks, etc.), sort by color, etc.
- Have your child help with emptying the dishwasher by sorting the utensils.
- When shopping, discuss how you use money to buy things. Ask your child what you need to give the cashier in exchange for the groceries.
- Play “store” with your child at home by using play money (you can change the theme by having a grocery store, clothing store, toy store, etc.).
- When playing in the sand box or at the beach, discuss how much sand each bucket contains, guess which bucket will hold more sand and which will hold less.