

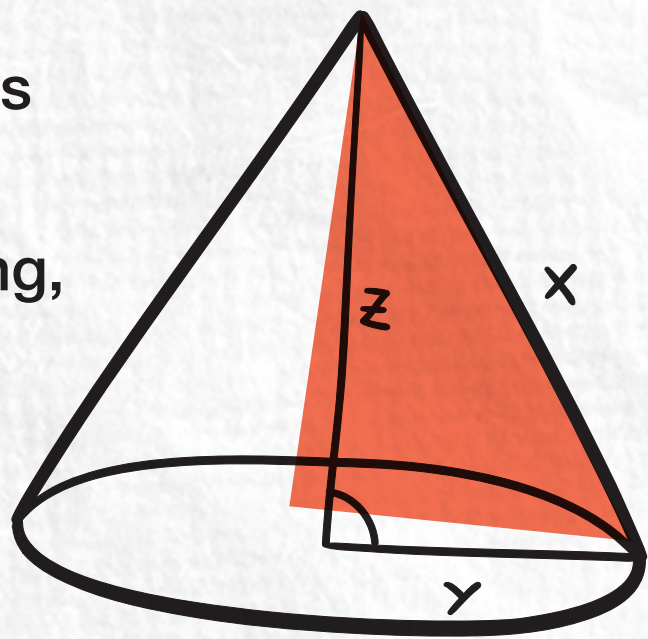
# FOUNDATIONS FOR DEVELOPING EARLY MATH SKILLS



Supporting your kids' cognition – what they think and what they know – is vital to learning new knowledge and skills. Developing early math skills helps with logical and abstract thinking, and teaches kids how to analyze, understand, and organize the world around them.

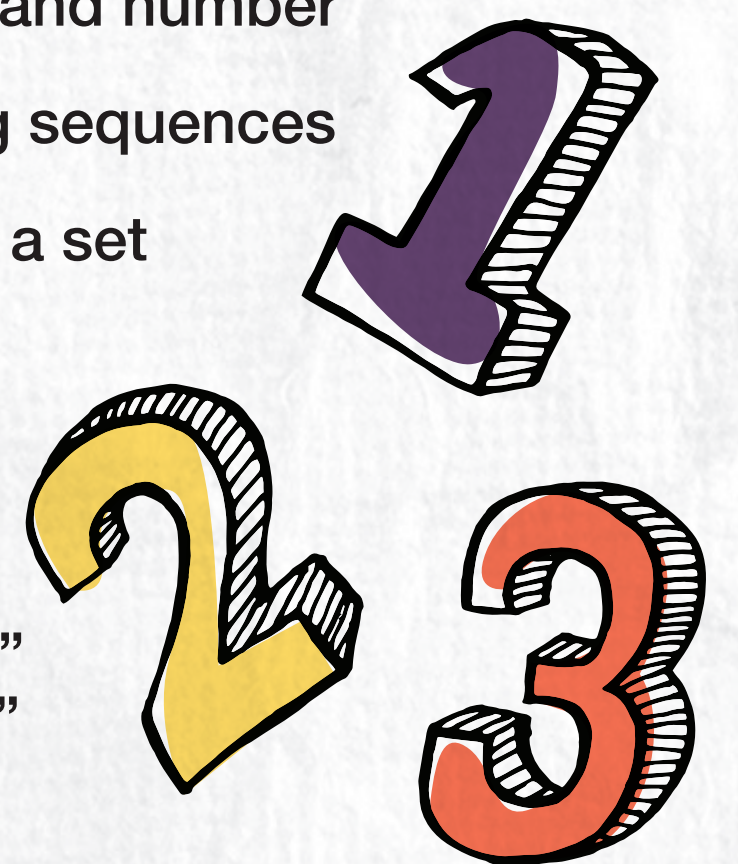
## KIDS DEVELOP SPATIAL SENSE (AND AN UNDERSTANDING OF GEOMETRY) BY:

- Exploring the positions of objects and their movement in space
- Identifying, describing, comparing, and creating 2D and 3D shapes



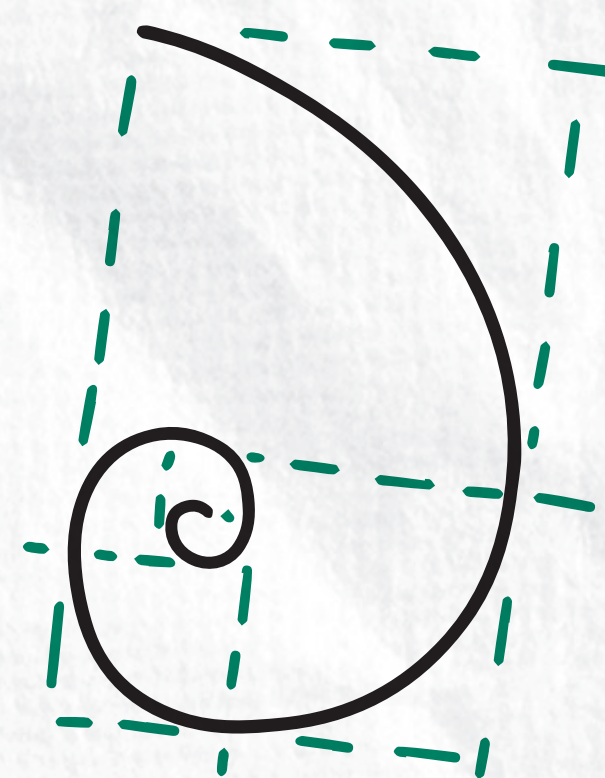
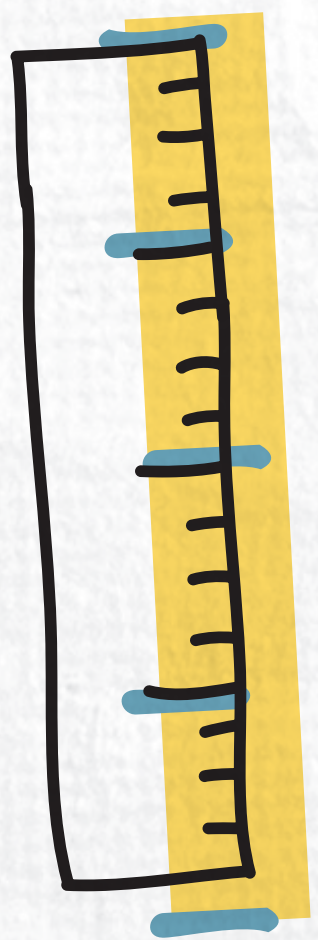
## KIDS BUILD AN UNDERSTANDING OF NUMBERS AND THEIR PURPOSE BY:

- Developing an awareness of quantity and number
- Knowing number names and counting sequences
- Recognizing the number of objects in a set
- Understanding numbers as quantities
- Writing numbers and associating written numbers with a quantity
- Understanding addition as “adding to” and subtraction as “taking away from”



## KIDS PRACTICE MEASUREMENT AND COMPARISON BY:

- Measuring objects using standard and non-standard measurement
- Using differences in attributes to make comparisons
- Identifying currency and recognizing that it holds value



## KIDS PRACTICE SEQUENCING AND PATTERNS BY:

- Matching, sorting, classifying, and ordering objects
- Recognizing, duplicating, and extending simple patterns

**You can help your kids practice and develop their early math skills by finding meaningful ways to incorporate these concepts into their everyday play.**

Count stairs when you go up and down; pretend your home is a store and pay for things you want to buy using real change; sort and match pompoms, stuffies, and other toys in different ways; measure how tall things are compared to a tower of blocks, then measure the same things with a ruler; practice addition and subtraction concepts at snack time.