

MATH FOR INFANTS



Children are using early math skills throughout their daily routines and activities. The best way to introduce math concepts to your baby? Talk to them—about numbers, about the toys in the playroom—about anything at all.



SORTING TOYS

Toys that you sort by color, shape, size, or thickness teaches your

child classifying skills. Classifying introduces the mind to the mathematical concept of sets.

2.3 I.A.1 Geometry-Identification



PATTY CAKE

This sequence of clapping teaches your baby about the math concept of

patterns. Making sense of patterns helps your child become a logical thinker. *2.1 I.A.1 Counting and Cardinality—Cardinality*



TUNNEL TIME

Babies love to crawl through small spaces!

They are learning both

spatial and body awareness. This leads to an understanding of more advanced concepts involving directionality and depth perception.

22.3 IMP Geometry—Mathematical Processes



PEEK-A-BOO

This teaches your baby that even though they can't see your face, you

are still there. Peek-a-boo also teaches the concept of object permanence, which leads to more advanced math concepts such as sorting. *2.1 I.A.3 Counting and Cardinality—Comparing*

PENNSYLVANIA LEARNING STANDARDS FOR EARLY CHILDHOOD: INFANT

The Department of Education and the Office of Child Development and Early Learning use a Standards Aligned System. The Pennsylvania Learning Standards for Early Childhood are designed to support learning. The key areas explored in these activities are Numbers and Operations and Geometry.

2.1 NUMBERS AND OPERATIONS

Big Idea: Mathematical relationships among numbers can be represented, compared, and communicated.

- 2.1 I.A.1 Explore objects. Repeat sound patterns (e.g., beat on a drum, clap hands).
- 2.1 I.A.3 Explore relationships between objects.

2.3 GEOMETRY

Big Idea: Geometric relationships can be described, analyzed, and classified based on spatial reasoning and/or visualization.

- 2.3 I.A.1 Explore objects of different sizes and shapes.
- 2.3 IMP Engage in geometric play.