

S

SCIENCE

T

TECHNOLOGY

E

ENGINEERING

A

ART

M

MATH

ACTIVITIES FOR TODDLERS

Filling and Pouring

with Measuring Cups and Spoons

This activity gives you the opportunity to talk with children about **numbers**, **weight**, **fill** (empty/full), and the concepts of **equal to** and **greater/less than**.

Exploring Math Concepts

What you need:

- Small cups or containers (i.e. tupperware, jars, etc.)
- Sand or substitute such as rice, beans, or water
- Measuring cups, measuring spoons, scoops, or any other utensil that can be used to scoop.
- Large bin or tray (for containing the mess)

Pour sand into the large bin, then place the small cups and containers inside the bin. Encourage children to use the various scooping utensils to fill the small cups and containers and pour it back out. You might ask:

Can you **count** your scoops as your pour?

Which cup is the **heaviest**? Which is **lightest**?

Which cup is most **full**? Most **empty**? Which are **equally full**?



Math in Music

Simple songs incorporate many basic math skills like **matching and comparing** (through changes in pitch, volume, and rhythm) and **patterning and sequencing** (through repetition of melodies, rhythms and lyrics)! Build your child's math foundation with this activity!

Making Comparisons

Use a variety of household objects to use as rhythm instruments and encourage children to explore the variety of sounds they make. You might ask:

- Can you make a **soft** sound?
- Can you make a **loud** sound?
- Can you make a **slow** beat?
- Can you make a **fast** beat?

Then sing comparison songs like the following: "Make Music Softly" (to the tune of "Where is Thumbkin")

Make music softly,
Make music softly,

1-2-3,

1-2-3,

Play it very loudly,

Play it very loudly,

Just like me,

Just like me.

