

# STEM

*starts now*

## Rocks and Sand

**Recommended Age:** 42-47 Months

**STEM concepts:** Science (physical science), Technology (simple tools), Engineering, Math (shapes and spatial recognition)

**Materials:** rocks, pebbles, sand, (**CAUTION: These materials are choking hazards, do not leave your child unattended**) a container, magnifying glass

**What to do:** Place the sand and the rocks and pebbles into the container. Explore the different colors, shapes and sizes.

**Language and Communication:**

Discuss the properties of the sand, rocks and pebbles. Talk about sand being tiny tiny little grains of rock. Use the magnifying glass to get a closer look and open up more opportunity to discuss what colors and shapes they may be seeing.

**Expand the Activity:** Build with the rocks and sand. Can you build a pirate ship? Castle? Car?

