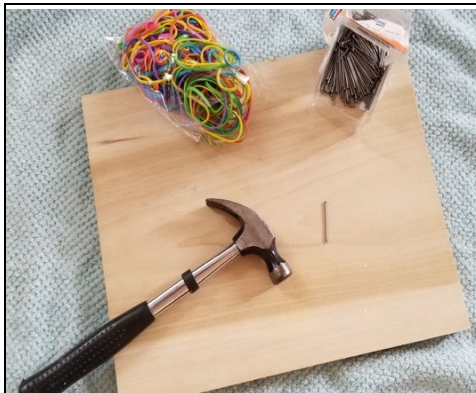


# Title: Geoboard

Age Group: School Age

Submitted by: Rose (Home Child Care)



Type of Activity: STEM

## Materials:

- Hammer
- Ruler
- Chalk or pencil
- 7x7 square of plywood (3 1/4 inch thick)
- Nails (approx. 50)
- Elastic bands
- Sand paper



## How to Do it:

- Sand edges of wood
- Use the ruler to draw a 1-inch grid with 1/2 inch margins on each side of the square
- Using a pencil, allow your school ager to connect lines vertically and horizontally to create points of intersection or POI (\*Adaptation: younger children can draw shapes on the wood with the chalk, instead)
- Slowly demonstrate how to use the hammer correctly, then have your child give it a try, remaining in close proximity for support
- Hammer a nail into every POI

## Root Skill / Extension:

**Cognitive: 4.9 Spatial relations**

Extend the learning: If you want to practice fractions, use a compass and protractor to make a circle with several line segments as shown in the third picture above.