



Outside Science



Ages: 2-4 years old

Goals: Child(ren) will explore and discover nature.

Objective: Child(ren) will improve their cognitive skills while they explore and analyze their findings.

Materials:

- ✓ Magnifying Glass
- ✓ Small Plastic Cups
- ✓ Pipettes and Container of Water
- ✓ Paper, Pencils, and Crayons
- ✓ Tongs or Tweezers

Procedure:

Part 1:

The first activity is to simply explore nature. Allow child(ren) to investigate the outdoor area and gather samples that interest them. Nature samples can include rocks, dirt, twigs, leaves, pine needles, and whatever else is common to your area.

Questions to ask while child(ren) are exploring:

- Tell me, what are you doing?
- How does that feel?
- What does it sound like?
- How does it taste? Where did you think it came from?

Part 2:

Take out paper and colored pencils or crayons and draw these observations! Drawing observations is a great way for child(ren) to learn how to begin recording scientific data and learning how to draw conclusions from the data.

Learning how to observe and collect data, even through very simple and playful science activities like this, is very important for young children and helps to develop critical thinking skills early on.

Questions to ask while child(ren) are exploring:

- What can we do with nature's findings?
- How can we persevere our Earth?