



Science Benchmark Achievements Primary Science (Nature Studies)

Ages 0-8

Objectives at this age:

Experience the joy and wonder of God's creations.

Learn through play.

Create a nature journal including sketches, writing, and nature samples.

Text: *Stories of Nature* from the Story Hour Series by Libraries of Hope

Nature, Art, and Music Series: *Stories from Libraries of Hope*

Useful tools: Binoculars and a magnifying glass

Stories, field trips and activities can be designed to allow children to experience the joy and wonder of God's creations before they begin elementary science sometime after their 8th birthday.

- Watching a plant grow from a seed to maturity
- Plants have different parts: roots, stems, leaves, flowers
- Pressed flowers or leaves for scrapbook
- How people use plants for food
- Animals and how to care for their needs
- The five senses in the human body
- How to care for yourself with proper food, sleep, shelter, clothing, and cleanliness
- How to protect self and others from spreading germs
- Understand the four seasons and associated weather
- Learn how to take care of the earth
- Magnetism: what is attracted to a magnet
- Habitats: forests, deserts, water
- Oceans and undersea life
- Birds and butterflies
- Three states of matter: solids, liquids, gas
- Measuring tools and measurements for length and temperature
- Solar system: Sun, moon, stars, planets
- Light and color as seen in the rainbow or a sunset
- Will it float or will it sink?