

What will I learn in 3rd Grade Science?



Module 1:

Introduction to the Scientific Method
Scientific Questions
Hypothesis
Simple Experiment
Conducting an Experiment
Measurement Metric and Standard
Measurements
Weight and Mass
Volume
Vocabulary Review
Temperature
Measurement Activity
How Tall are You?
Simple Machines
Compound Machines
Create a Simple or Compound Machine
Finding Simple or Compound Machines

Module 2:

Observation
Five Senses
Nature Observations
Properties of Objects
Similarities and Differences
Matter Versus Matter
Purpose of Matter
Mixtures
Types of Matter
States of Water
Will it Mix?

Module 3:

Heat Energy
Conduction
Brainstorming Heat Energy
Convection
Radiation
Purpose of Light
What Uses Light?
Reflection, Refraction, and Shadow
Drawing Assignment
See Through
Presentation Project



Module 4:

Earth

Day and Night Assignment

Seasons

Gravity

Gravity Experiment

Paint with Gravity

Moon

Phases of the Moon

Solar System

Review and Project Instructions

Virtual Field Trip

Oceans

Waves, Tides, and Currents

Tides

High and Low Tides

Science Fun!

Vocabulary Review

Science Experiment

What Have You Learned?

Module 5:

Vocabulary of Living and Non-Living Systems

Living Systems

Non-Living Systems

Purpose of Soil

Layers of Soil

Water Cycle

Sources of Water

Conserving Water

Water Cycle Project

Create the Water Cycle

Seed Germination

Parts of a Plant

Create a New Plant

Seed Traveling

Life Cycle of a Plant

Life Cycle of a Tomato Plant

Animal Life Cycle

Butterfly Life Cycle

Putting it All Together

Module 6:

Behavioral Adaptations
Physical Adaptations
Comparing Adaptations
Producer, Consumer, and Decomposer
Herbivore, Carnivore, Omnivore
Teeth
Predator or Prey
What Am I?
Migration
Migration Illustration
Migration Presentation

Module 7:

Ecosystems
Biome Ecosystem, Community, and Population
Knowledge Check
Aquatic Ecosystem
Human Impact on Aquatic Ecosystems
Preserving Aquatic Ecosystems
Aquatic Ecosystem Science Notebook
Creating an Aquatic Ecosystem
Build an Aquatic Ecosystem Project
Terrestrial Ecosystem
Human Impact on Terrestrial Ecosystems
Preserving Terrestrial Ecosystems
Terrestrial Ecosystem Science Notebook
Creating a Terrestrial Ecosystem
Build a Terrestrial Ecosystem
Renewable Energy
Non-Renewable Energy
Using Renewable Energy
Creative Energy

Module 8:

Lab Safety
Traffic Safety
Cyber Safety
Situation Safety
Safety Presentation
Dung Beetle
Platypus
Large and In Charge
Mammal Trading Card
Small but Mighty

Module 9:

Body Systems
Skeletal System
Joints
Muscles
Parts of the Body
Digestive System
Respiratory System
Circulatory System
Draw your Heart
Integumentary
Brain Overview
Central Nervous System
Nutrients
Hydration
Vitamin Research
Build a Body System Project



Module 10:
Recycling
Reusing
Repurposing
Recycling Activity
Recycling Activity
Preventing Wildfires
Preventing Floods
Erosion
Stopping the Spread of Disease

