

Science Grade 3 Curriculum

Aligned to Next Generation Science Standards



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Physical Science

Session 1 - 48

choose any 6 topics of your choice from the below mentioned topics



Introduction

The Nature of Science

Progress check in scientific inquiry 



Force

Introduction to Force

Patterns in Force

Balanced and Unbalanced Forces

Progress check in scientific inquiry 



Magnets and Electricity

Introduction to Magnetism

Magnetic Poles

Electric Force

Electricity and Circuits

Progress check in scientific inquiry 



Simple Machines

Types Simple Machines

Levers and Pulleys

Building a Simple Machine

Work and Power

Progress check in scientific inquiry 

Science Mastery Checkpoint 

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Life Science

Session 1 - 48

choose any 6 topics of your choice from the below mentioned topics




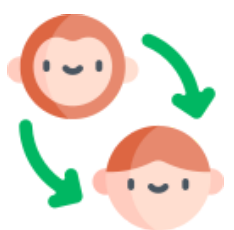
Classifying Living Things

- Characteristics of Living Things
- Classifying Living Things
- Animal Domains
- **Progress check in scientific inquiry** 




Animal Adaptations

- Animals and their needs
- Environmental Adaptations
- Locomotion and Body Covering Adaptations
- Defense Adaptations
- **Progress check in scientific inquiry** 




Evolution

- Fossils and How they are Formed
- Fossils and Evidence of Evolution
- Animal Adaptations and Fossils
- Fossil Research Project
- **Progress check in scientific inquiry** 





Life Cycles

- Growth and Development
- Animal Life Cycles
- Plant Life Cycles
- Parent vs. Offspring
- **Progress check in scientific inquiry** 



Heredity and Genetics

- Inherited vs. Learned Traits
- Nature vs. Nurture
- What are Genetics?
- Dominant and Recessive Traits
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- **Science Mastery Checkpoint** 

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Earth and Space Science

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Weather

- What is Weather?
- Sun's Role in Weather
- Hazardous Weather and Weather Safety
- Reducing Weather Impact
- **Progress check in scientific inquiry** 





Climate

- What is Climate?
- Climate vs. Weather
- Factors that Affect Climate
- Climate and Latitude
- **Progress check in scientific inquiry** 



Outer Space

- Structure of the Universe
- Planets, Moons, and Stars
- Seasons and Earth's Tilt
- Solar System Project
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Crosscutting Concepts

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Environmental Science

- Earth's Resources
- Renewable and Non-renewable Resources
- Pollution
- Reduce, Reuse, Recycle
- Global Warming
- **Progress check in scientific inquiry** 
- **Science Mastery Checkpoint** 