



## 3rd Grade Science

Welcome to 3rd Grade! This guide will help you understand what your child will learn in science this year and how you can support their learning at home. Third grade science expands students' understanding of forces, habitats, fossils, and the effects of weathering. Through hands-on investigations and observation, students will build critical thinking and problem-solving skills. If you have questions, contact your child's teacher.

### **This year's focus: Heat, Earth's Surface, Fossils, and Ecosystems**

Your child will learn how heat is measured and transferred, how wind and water shape land, and how fossils help us understand past life. They will also investigate how organisms live, grow, and interact in different environments. Through hands-on experiments and real-world connections, students will develop essential science skills such as observing, predicting, and explaining.

<b>EARTH SCIENCE</b>	<b>LIFE SCIENCE</b>	<b>PHYSICAL SCIENCE</b>
Classify rocks and soils by texture, color, and hardness	Identify producers, consumers, and decomposers in ecosystems	Measure and describe heat using thermometers
Describe how wind and water change Earth's surface	Explain how traits help organisms survive	Investigate how sunlight warms different materials
Explain how fossils show evidence of past life	Explore how organisms interact within habitats	Design ways to keep objects warm or cool
Identify conditions needed for fossil formation	Describe how pollution and humans affect ecosystems	Identify methods of heat transfer

Third grade science encourages students to explore the world through questions, investigations, and analysis. Whether modeling how erosion shapes landforms or experimenting with magnets, students will apply what they learn to real-world situations.

You can support your child by observing how the sun heats objects, examining rocks and soils in your neighborhood, visiting a science museum to explore fossils, or talking about how to take care of the environment. These everyday activities help your child connect classroom learning to the real world.