



## 1<sup>st</sup> Grade Science

Welcome to 1st 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. Throughout the year, your child will explore patterns in nature, the needs of living things, and the effects of light, sound, and motion. Hands-on learning, observation, and questioning are central to their growth as young scientists. If you have questions, contact your child's teacher.

This year's focus: Patterns in Nature, Light & Sound, and the Needs of Living Things

First graders will deepen their scientific thinking by observing seasonal patterns, predicting weather, investigating how light and sound work, exploring magnets, and identifying what plants and animals need to survive. They will build their understanding of the natural world by making observations, asking questions, and exploring through hands-on investigations.

<b>EARTH SCIENCE</b>	<b>LIFE SCIENCE</b>	<b>PHYSICAL SCIENCE</b>
Observe and record weather patterns over time	Identify the basic needs of plants and animals	Investigate how light travels and creates shadows
Describe seasonal changes and how they affect living things	Describe how external features help animals survive	Explore how sound is made through vibrations
Use tools to collect simple weather data	Explore habitats that meet an organism's needs	Predict and test which materials are attracted to magnets
	Explain how parents and offspring are alike	

1st grade science encourages students to observe, question, and explore patterns in the world around them. They'll continue building essential science skills, such as making predictions, recording observations, and explaining their ideas. Support their learning by observing shadows, exploring magnets, measuring rain, or identifying animal features in books or nature.