



## 5th Grade Science

Welcome to 5th Grade! This year, students will explore how matter changes, how electricity and magnetism work, how living systems function, and how Earth's surface is shaped. Through hands-on investigations and real-world applications, students will ask questions, design models, analyze data, and communicate scientific ideas.

### **This year's focus: Matter & Energy, Life Systems, and Earth's Changing Surface**

Your child will learn how matter changes physically and chemically, how electricity powers everyday tools, and how to understand Earth's surface and living systems. They will build their scientific thinking through drawing, graphing, and using models.

<b>EARTH SCIENCE</b>	<b>LIFE SCIENCE</b>	<b>PHYSICAL SCIENCE</b>
Identify how landforms like deltas, sand dunes, mountains, and volcanoes are shaped by constructive and destructive forces	Identify the parts and functions of plant and animal cells	Compare physical and chemical changes in matter
Explore how weathering, erosion, deposition, and earthquakes change Earth's surface over time	Explore inherited traits and learned behaviors	Investigate mixtures and solutions
	Model how matter and energy move through ecosystems	Build and explain simple electric circuits
	Investigate how microorganisms affect health and the environment	Explore how electricity produces light, heat, sound, and magnetic effects
		Understand the connection between electricity and magnetism

Fifth grade science encourages students to explore the world through questions, investigations, and analysis.

Help your child grow as a scientist by encouraging hands-on exploration. Try simple experiments, observe the moon, track the weather, explore nature, or build basic circuits. Everyday activities spark curiosity and reinforce classroom learning in fun and meaningful ways.