

Topics Taught in 4th Grade Science

The following is a list of topics covered in 4th grade science.

Topic	Concepts Covered	When taught
Intro to Science	What is Science? Branches of Science Scientific Process Engineering Process Practice investigations	September
Matter	What is matter? Properties of matter States of matter Changes in matter	September/October
Force and motion	Newton's Laws Gravity Friction Magnetic forces potential/kinetic energy Simple machines	October/November
Energy	Light Heat Sound Mechanical Electrical- Circuit building	November/December
Land and water	Minerals Types of Rocks Rock Cycle Land Formations Renewable/Non-renewable Bodies of water Watersheds	January
Animal Classification	Types of animals Life cycle Adaptations traits	February
Food chain/web	Food web Food chains Predators Prey	February
Plants	Parts of the plant Roles of parts	March
Weather and Climate	Types of weather	March

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	Weather vs climate Water cycle Clouds	
Earth, Moon and Stars	Planets Moon phases Revolution Rotation	March/April
PSSA Preparation	Review topics from throughout the year	April
STEAM activities	Activities building engineering and designing activities	Done throughout the year
Technology	Coding Stop Animation	Done throughout the year