

Course Scope and Sequence of Units

Course: 4th Grade Science

Unit Name	Key Subtopics	# of Days/Weeks
Human Body, Vision, and the Brain	• Muscles and Skeletons • Light, Eyes, and Vision • Structure and Function of Eyes • Brain, Nerves, and Information Processing	4 days/week 22 days
Earth's Features and Processes	• Volcanoes and patterns of Earth's Features • Volcanoes and rock cycle • Weathering and Erosion • Sedimentary Rocks and Fossils • Erosion, Natural Hazards, and engineering • Rocks and Earth's surfacing	4 days/week 22 days
Sound, Waves, and Communication	• Sound Vibration and Engineering • Sound and Vibrations • Sound Waves and Wavelength	4 days/week 22 Days
Energy, Energy Transfers, and Electricity	• Speed and Energy • Collisions and Energy Transfer • Energy Transfer and Engineering • Electrical Engineering • Heat Energy and Energy Transfer • Renewable Energy and Natural Resources	4 days/week 22 Days