



4th Grade Next Generation Science Standards (NGSS)



Disciplinary Core Idea	Standard:	Taught by Program:
Life Science	4-LS1-1. Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.	X
Life Science	4-LS1-2. Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.	X
Earth Science	4-ESS1-1. Identify evidence from patterns in rock formations and fossils in rock formations and fossils in rock layers for changes in a landscape over time to support an explanation for changes in a landscape over time.	-
Earth Science	4-ESS2-1. Make observations and/or measurements to provide evidence of the effects of weathering or the rate of erosion by water, ice, wind, or vegetation.	-
Earth Science	4-ESS2-2. Analyze and interpret data from maps to describe patterns of Earth's features.	-
Earth Science	4-ESS3-1. Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.	X
Earth Science	4-ESS3-2. Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans	-
California Environmental Principles and Concepts	Principle I The continuation and health of individual human lives and of human communities and societies depend on the health of the natural systems that provide essential goods and ecosystem services	X
California Environmental Principles and Concepts	Principle II The long-term functioning and health of terrestrial, freshwater, coastal and marine ecosystems are influenced by their relationships with human societies	X
California Environmental Principles and Concepts	Principle III Natural systems proceed through cycles that humans depend upon, benefit from and can alter.	X
California Environmental Principles and Concepts	Principle IV The exchange of matter between natural systems and human societies affects the long-term functioning of both	X

**** Physical Science and Design & Engineering NGSS content is not addressed via this program**