



# 3rd Grade Next Generation Science Standards (NGSS)



Disciplinary Core Idea	Standard:	Taught by Program:
Life Science	3-LS1-1. Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.	X
Life Science	3-LS2-1. Construct an argument that some animals form groups that help members survive	X
Life Science	3-LS3-1. Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms.	X
Life Science	3-LS3-2. Use evidence to support the explanation that traits can be influenced by the environment	X
Life Science	3-LS4-1. Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago.	-
Life Science	3-LS4-2. Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing	X
Life Science	3-LS4-3. Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.	X
Life Science	3-LS4-4. Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change	X
Earth Science	3-ESS2-1. Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.	-
Earth Science	3-ESS2-2. Obtain and combine information to describe climates in different regions of the world.	-
Earth Science	3-ESS3-1. Make a claim about the merit of a design solution that reduces the impacts of a weather-related hazard.	-
California Environmental Principles and Concepts	<b>Principle I</b> 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	<b>Principle II</b> 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	<b>Principle III</b> Natural systems proceed through cycles that humans depend upon, benefit from and can alter.	X
California Environmental Principles and Concepts	<b>Principle IV</b> 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*