

BENCHMARKS

NUMBER	SUBJECT	STRAND	DESCRIPTION
SC.4.E.6.4	SCIENCE	Earth Structures	Describe the basic differences between physical weathering (breaking down of rock by wind, water, ice, temperature change, and plants) and erosion (movement of rock by gravity, wind, water, and ice).

NUMBER	SUBJECT	STRAND	DESCRIPTION
SC.4.L.16.1	SCIENCE	Heredity and Reproduction	Identify processes of sexual reproduction in flowering plants, including pollination, fertilization (seed production), seed dispersal, and germination.

NUMBER	SUBJECT	STRAND	DESCRIPTION
SC.4.L.16.2	SCIENCE	Heredity and Reproduction	Explain that although characteristics of plants and animals are inherited, some characteristics can be affected by the environment.

NUMBER	SUBJECT	STRAND	DESCRIPTION
SC.4.L.16.4	SCIENCE	Heredity and Reproduction	Compare and contrast the major stages in the life cycles of Florida plants and animals, such as those that undergo incomplete and complete metamorphosis, and flowering and nonflowering seed-bearing plants.

NUMBER	SUBJECT	STRAND	DESCRIPTION
SC.4.L.17.1	SCIENCE	Interdependence	Compare the seasonal changes in Florida plants and animals to those in other regions of the country.

NUMBER	SUBJECT	STRAND	DESCRIPTION
SC.4.L.17.2	SCIENCE	Interdependence	Explain that animals, including humans, cannot make their own food and that when animals eat plants or other animals, the energy stored in the food source is passed to them.

NUMBER	SUBJECT	STRAND	DESCRIPTION
SC.4.L.17.4	SCIENCE	Interdependence	Recognize ways plants and animals, including humans, can impact the environment.