



Next Generation Science Standards

5th Grade

Overarching Themes

Energy

- a. Describe that energy in animals' food (used for body repair, growth, and motion and to maintain body warmth) was once energy from the sun. (5-PS3-1)

From Molecules to Organisms: Structures and Processes

- a. Plants get the materials they need for growth chiefly from air and water. (5-LS1-1)

Ecosystems: Interactions, Energy, and Dynamics

- a. Nutrients cycle throughout an ecosystem – among plants, animals, decomposers, and the environment. (5-LS2-1)

Earth's Systems

- a. Describe how the geosphere (soil), biosphere (living organisms), hydrosphere (water), and atmosphere interact. (5-ESS2-1)

Earth and Human Activity

- a. Humans have an impact on the land (agriculture, industry, everyday life) – including vegetation, streams, and air – but individuals and community are doing things to help protect Earth's resources and environments. (5-ESS3-1)