

How Does Your Garden Grow?



Next Generation Science Standards

4-ESS2-2	Analyze and interpret data from maps to describe patterns of Earth's features.
4-ESS2.A	Rainfall helps to shape the land and affects the types of living things found in a region.
4-LS1-1	Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.
5-LS1-1	Support an argument that plants get the materials they need for growth chiefly from air and water.
5-LS2-1	Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.
5-ESS2-2	Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.

Common Core Standards for English Language Arts

CCSS.ELA-LITERACY.RI.3.3	Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect.
CCSS.ELA-LITERACY.RI.3.7	Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).
CCSS.ELA-LITERACY.RI.3.8	Describe the logical connection between particular sentences and paragraphs in a text (e.g., comparison, cause/effect, first/second/third in a sequence).
CCSS.ELA-LITERACY.RI.4.7	Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, time lines, animations, or interactive elements on Web pages) and explain how the information contributes to an understanding of the text in which it appears.
CCSS.ELA-LITERACY.RI.6.7	Integrate information presented in different media or formats (e.g., visually, quantitatively) as well as in words to develop a coherent understanding of a topic or issue.

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National Science Standards

NS.K-4.3 Life Science	All students should develop an understanding of: <ul style="list-style-type: none">- the characteristics of organisms- Life cycles of organisms- Organisms and environments
NS.K-4.5 Science and Technology	All students should develop: <ul style="list-style-type: none">- Understanding about science and technology.
NS.K-4.6 Personal and Social Perspectives	All students should develop an understanding of: <ul style="list-style-type: none">- Types of resources- Changes in environments- Science and technology in local challenges