

PBS Media Highlights: All About Plants

Educational science videos for your classroom

ABOUT THIS GUIDE

Take a closer look at the life of a plant and what it needs to adapt to its environment.

GRADE K-3

LIFE SCIENCE

VIDEOS &
INTERACTIVE from
pbslearningmedia.org

K-12 SCIENCE FRAMEWORK

DISCIPLINARY CORE IDEAS

LS 1: From molecules
to organisms:
Structures and
Processes

MEDIA and the CA COMMON CORE STATE STANDARDS

MEDIA VIEWING TIPS

K-3 Reading Standards for
Informational Text

Key Ideas & Details:

While watching the video
ask and answer such
questions as who, what,
where, when, why and how
to check for understanding
key details in text.

Integration of Knowledge and Ideas:

After watching two videos,
describe the connection
between two scientific
ideas or concepts.



FROM SEED TO FLOWER

This video segment shows just how amazing plant development can be by depicting various phases of the process using time-lapse photography.



FROM SEED TO FRUIT

This animated video segment explains the life cycle of a cherry tomato plant from seed to fruit and is narrated by children.



PHOTOSYNTHESIS

This video explains the complex process of photosynthesis, the process by which plants use the sun's energy to convert carbon dioxide and water into carbohydrates, a storable form of chemical energy.



PLANT ADAPTATIONS

Learn about plant structures and how certain adaptations help plants survive.



SUPERMARKET BOTANY - INTERACTIVE

In this interactive, students categorize common foods while learning about plant structures and their functions.