

All About Plants

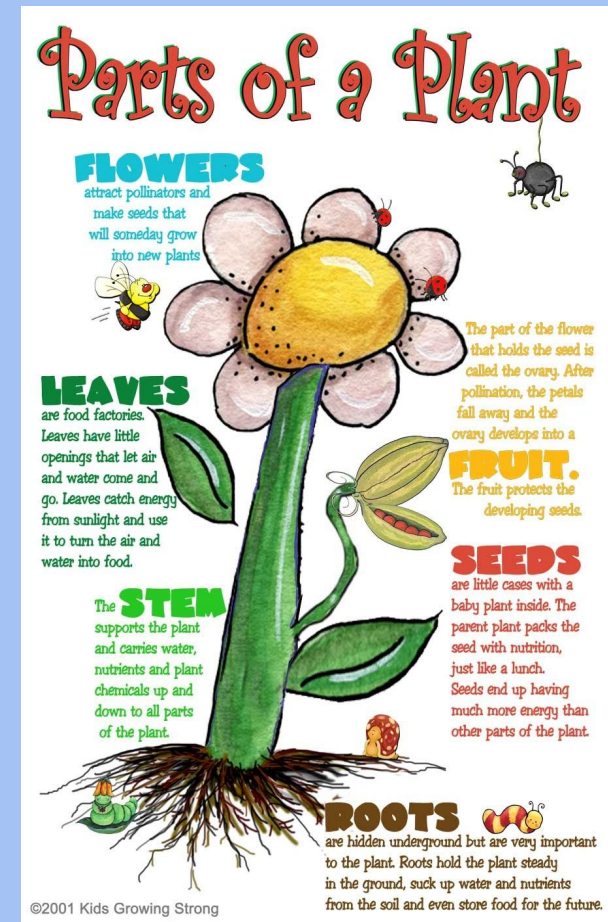
Essential Questions

1. What are the parts of plants and their functions?
2. What is the life cycle of a plant?
3. What do plants need to grow?

Directions

- ★ Click on blue links or images to access materials
- ★ Activities are separated by subject although they overlap
- ★ Content is organized into three levels
 - Level 1 = Primary (PK-1st Grade)
 - Level 2 = Intermediate (2nd-5th Grade)
 - Level 3 = Middle School (6th-8th Grade)

[Plant Life Cycle + Plant Part Posters](#)



English-Language Arts

Links contain digital content with advanced features (text-to-speech, change lexile, annotate) that students can log into with their CPS accounts if known or access printable copies by clicking on the PDF version

Level 1	Level 2	Level 3
<p>Scholastic: Planting a Rainbow and It Could Still Be a Flower Learn More: ReadWorks: How Plants Work (PDF version) The Tiny Seed by Eric Carle Video Irregular Verbs PDF</p>	<p>Newsela: The life cycle of a lemon tree (PDF version) ReadWorks: What Do Plants Need? (PDF version) Learn More: ReadWorks: How Plants Grow text set (PDF version)</p>	<p>Newsela: Plant Anatomy (PDF version) Newsela: The Plant Life Cycle (PDF version) Newsela: Plant Life: What is a seed? (PDF Version) Learn More: ReadWorks: The World of Plants 6 articles (PDF version) ReadWorks: How to Build a Pollinator Garden (PDF version)</p>

Mathematics

Level 1	Level 2	Level 3
<p>Garden Addition Mat PDF Plant Observation + Measurement PDF</p>	<p>Telling Time PDF Plant Graphing + Data PDF Multiplication Color By Numbers PDF Making a Garden Map PDF <ul style="list-style-type: none"> • Graph Paper PDF </p>	

Science

*BrainPOP and BrainPOP Jr. username: chicagopublicschools password: cps123

Level 1	Level 2	Level 3
<p>Scholastic: What are Plants?</p> <ul style="list-style-type: none"> • Key Words • Quiz <p>Bean Plant Life Cycle Video</p> <p><u>Learn More:</u></p> <p>Plant Parts + Needs PDF</p> <p>Parts of a Plant + Song Spanish PDF</p> <p>All About Plants Spanish PDF</p> <p>Sequence Seed Life Cycle PDF</p>	<p>BrainPOP Jr.: Parts of a Plant*</p> <ul style="list-style-type: none"> • Easy Quiz + Hard Quiz <p>BrainPOP Jr.: Plant Life Cycle*</p> <ul style="list-style-type: none"> • Easy Quiz + Hard Quiz <p><u>Learn More:</u></p> <p>Plant Parts + Needs PDF</p> <p>Plant Parts English + Spanish PDF</p> <p>Plant Life Cycle Coloring Pages PDF</p> <p>Plant Life Cycle Cut + Paste PDF</p>	<p>BrainPOP: Seed Plants*</p> <ul style="list-style-type: none"> • Venn Diagram: Compare and contrast gymnosperms and angiosperms. • Quiz <p><u>Learn More:</u></p> <p>Botany Unit Notes PDF</p> <ul style="list-style-type: none"> • Botany Unit Assignment PDF <p>Life Cycle Plant Book Project PDF</p>

At Home Experiments



You can try with celery stalks too!



Quick growers: mung, pinto, lima, kidney

- [Observation Notes Book PDF](#)



Regrow vegetables from kitchen scraps

Social Studies

*Britannica. username: cps password: cps

Level 1	Level 2	Level 3
<p><u>Farm Food 360°</u></p> <ul style="list-style-type: none">● <u>360° Canadian Apple Orchard Tour</u>● <u>360° Grain Farm Tour Video</u>● <u>360° Story of Oats</u>● Super cool! You can move this YouTube video around for different views!	<p><u>Britannica Elementary: Agriculture*</u> <u>BrainPOP: Agricultural Revolution</u></p> <ul style="list-style-type: none">● <u>T-Chart</u> Compare hunter-gatherer lifestyle to agricultural village● <u>Quiz</u> <p><u>4-H Virtual Farm: Wheat</u></p> <ul style="list-style-type: none">● <u>4-H's Other Farms</u>	<p><u>Britannica Middle: Agriculture*</u> <u>Human Prehistory 101 (Part 3 of 3): Agriculture Rocks Our World Video</u></p> <ul style="list-style-type: none">● How did agriculture come about?● What are some of the pros and cons of changing to agricultural societies?● What caused distant civilizations to come into contact?● Why do some people like those in the Kalahari Desert continue to hunt and gather? <p><u>United State Botanic Garden Virtual Tour</u></p>

Art

Level 1	Level 2	Level 3
 <p>PAINTING WITH CHLOROPHYLL science based art</p>  <p>flower seeds stem leaves roots</p> <ul style="list-style-type: none"> ● Include plant part functions for an added challenge 	  <p>LEAF PRINTING</p> 	 <p>HOW TO DRAW A PLANT</p> <p>WITH FOLDING SURPRISE</p>

Additional Ideas

- [Plant Life Cycle Activities-Fun, Hands-On Science for Kids](#)
- [Must-Try Plant Activities Kids Will Love!](#)



Seed Starter Pots

that you can do in
the classroom

