

Parts of a Plant

SLIDE NAVIGATION

1

2

3

4

5

6

Next

1. Question & Research Task

Mariana's plant will not produce berries and she needs to know why.

She needs to understand the parts of a plant and how those parts help the plant grow and survive .

In this activity you will review and learn about plants, their parts, and what they need to grow and survive.



Image Source: [Indiana University](https://plantsinmotion.bio.indiana.edu)

In this Slam Dunk, you will conduct brief, focused research to respond to the inquiry question:

How do plants access the resources they need to survive?

2. Information Sources

Click on the resources below to find information on parts of a plant and how they help the plant grow and survive:

See your teacher/librarian for login information

 [Brainpop Jr](#)

 [Plants](#)

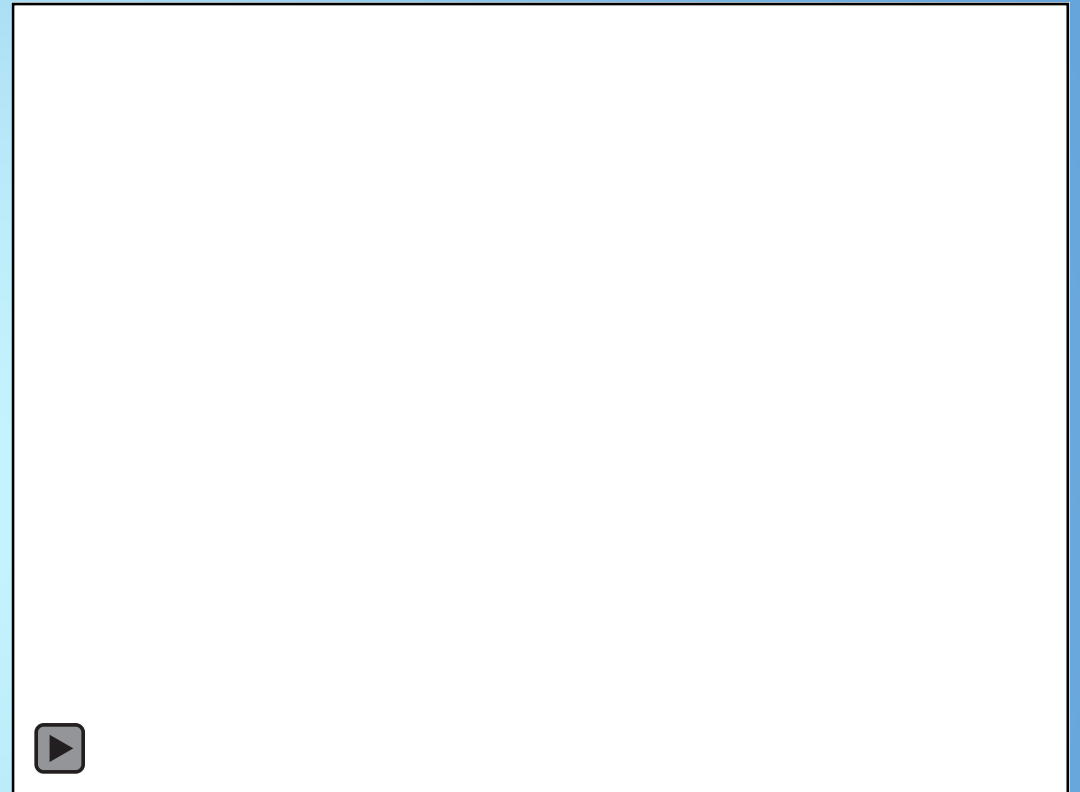
 [Leaves](#)

 [Using Light](#)

 [Parts of a Plant](#)

 [Roots](#)

VIDEO



Video Source: [Discovery Education](#)

3. Student Activity

As you use the resources on Slide 2, complete this table to organize your information.

When you have viewed all of the resources on Slide 2, you can take the Brain Pop quiz to see how much you have learned!

[Hard Quiz](#)

[Easy Quiz](#)



Image Source: Brainpop Jr.

4. Assessment Activity

How do plants access the resources they need to survive?

Use [Wixie](#) to draw a diagram of a plant.

Label the parts and write a sentence that tells what each part does to help the plant grow and survive.

This [checklist](#) will be used to assess your diagram.



Image Source: Licensed by Microsoft Office

5. Enrichment Activities

SLIDE NAVIGATION

1

2

3

4

5

6

Next



Find out more about plants from the following resources

[Plants for Kids](#) –fun facts, videos and experiments!

Wild by Nature: Killers in the Bog!

Video Source: [Discovery Education](#) by license

6. Teacher Resources

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
----------	----------	----------	----------	----------	----------

Learning Standards Alignment

Content Learning Standards

Next Generation Science Standards

- 2-LS2-1. Plan and conduct an investigation to determine if plants need sunlight and water to grow.
- 2-LS2-2. Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.*
- 2-LS4-1. Make observations of plants and animals to compare the diversity of life in different habitats.

Common Core State Standards for English Language Arts & Literacy

Reading: 1. Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.

Writing: 7. Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation.

AASL Standards Framework for Learners Inquire: Build new knowledge by inquiring, thinking critically, identifying problems, and developing strategies for solving problems.

Think: Learners display curiosity and initiative by:

I.A.2 Recalling prior and background knowledge as context for new meaning.

Create: Learners engage with new knowledge by following a process that includes:

I.B.1 Using evidence to investigate questions. I.B.3 Generating products that illustrate learning.

Share: Learners adapt, communicate, and exchange learning products with others in a cycle that includes:

I.C.1 Interacting with content presented by others.

Grow: Learners participate in an ongoing inquiry-based process by:

I.D.2 Engaging in sustained inquiry.

P21 Framework: 21st Century Student Outcomes

3. Information, Media & Technology Skills: Information Literacy: Access information efficiently and effectively; Use information accurately and creatively for the issue or problem at hand.

ICT Literacy: Use technology as a tool to research, organize, evaluate and communicate information.

Grade 2 Science

Time Frame: 1-2 class periods

Differentiation strategies for this lesson:

- Have students use learning supports provided in BCPS Digital Content found in the [Apps Portal](#). Refer to [Digital Content Snapshot/Support pages](#) as needed.

Notes to the teacher:

- Collaborate with your school library media specialist to plan and implement this lesson.
- Provide students with login information as needed to authenticate BCPS Digital Content. Login information is available on the **BCPS Digital Content** page found via the [Apps Portal](#)