Welcome to Britannica Pathways: Science!

Transform misconceptions into understanding through inquiry-based exploration

Choose your topic

Choose from 100 lesson topics. Lessons are aligned to Common Core, NGSS and State Standards.

Find an overview of the lesson, topics covered, and the resources found in each lesson.
Each lesson is divided into three stages: Predict, Investigate, and Conclude.

**Predict**

Students use their prior knowledge to explain a scientific phenomenon.

Teachers will find “Teacher Notes” at any point to view lesson notes as well as printable worksheets.
Investigate

Choose an idea that best matches your thinking.

Explain why you believe this idea is correct.

Dig for evidence to support or contradict your prediction using Britannica’s rich collection of resources.

**QUESTION**
Where does **photosynthesis** take place in plants?

**MY IDEA**
Photosynthesis occurs in all plant parts that get sunlight.

**Recommended Resources**
- Article: How a Cactus Survives in the Desert
- Video: Leaf Structures and Plant Function
- Article: Red Pigments in Plants
- Video: Photosynthesis
- Article: Carotenoids: Plants and Photosynthesis

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**Oh no! It’s so empty down here!**

Use the resources above to investigate your idea. Look for evidence that either supports or contradicts your prediction. After you take some notes, they will display in this space.

[Finish your investigation]
Analyze your research and draw a conclusion about the correct scientific explanation.

Enter notes and decide if they support or contradict your idea.

Checkpoints are in place to check learning before moving to Conclude.

Analyze your research and draw a conclusion about the correct scientific explanation.
The correct answer is revealed with an explanation.

Determine whether your idea is correct or incorrect.

Enter the idea that you now believe is correct.

View notes from your investigation and prediction.

Explain your new conclusion based on the evidence you found.

Click the arrow to find out which idea is correct.

Click on the additional ideas to see why they are incorrect.

The correct answer is revealed with an explanation.

Click the arrow to test your knowledge.
Wrap up the lesson by testing your knowledge with a final interactive activity.

Further your research using these additional resources found in Britannica School.