

Block the Light

Do plants really need sunlight? Find out for yourself.

Materials

leafy plant
black paper
paper clips

Do This

- 1** Cover 3 leaves with black paper.
- 2** Put the plant in a sunny place. Make sure to water the plant as needed.
- 3** Predict what will happen to the covered leaves. Record your prediction.
- 4** After one week, take off the paper. Record your observations. Was your prediction correct?

Draw Conclusions

What happens to plants when they do not get light?



Airtight Seal

What happens to leaves when they cannot get air? Choose a plant and spread petroleum jelly onto 3 of its leaves. Decide on a way to record your observations. Share what you have learned.



Here is how one student began to plan his investigation.

Science Notebook

Airtight Seal

My Planning Questions

Questions	Answers
1. Why do I need a leafy plant?	
2. How much jelly should I put on each leaf?	
3. How will I record my observations?	