



EXTRACTING CHLOROPHYLL

 5-10 minutes + 1 day waiting time + questions and journal time

 Follow all safety instructions from LearnLibre.com during the experiment.

Before the Experiment

Ask an adult. Rubbing alcohol should be handled by an adult wearing gloves and safety goggles who has read and understands all safety considerations found with this experiment at LearnLibre.com.

Materials

- 2-3 spinach leaves
- Glass bowl with lid (or plastic wrap)
- Plastic gloves
- Rubbing alcohol
- Tweezers

Questions

1. Did you observe any changes after 1 day?
2. What color is chlorophyll?
3. What do you think a leaf needs in order to make chlorophyll?

See answers and learn more about how this experiment works by scanning the QR code at the top of the page.

Clean-up

Wash and dry any tools you used, put materials back where you got them from, clean your work station.

Watch Lesson



Procedure

1. Put spinach leaves in the bowl.
2. Cover the spinach leaves with rubbing alcohol.
3. Put a lid on the bowl or cover it with plastic wrap.
4. Leave the bowl for one day.
5. Remove the spinach leaves and observe.

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