

Compare Elements of Growth

Adapted from a photosynthesis experiment on ehow.com

- This experiment tests three different elements of plant growth: light, water and air. Your objective is to find out what plants need the most in order to grow. Do you have a hypothesis?
- Use twelve plants of the same type if you can. Place three of the plants in direct sunlight. Place three of the plants in a dark place and each day, add half a cup of water to the plants. Place the final three plants in a dark place in front of a fan.
- Observe the plants for two weeks. Take pictures each day. What observations of the plants do you have?
- At the end of two weeks, compare the growth of the plants. (The plants placed in the sunlight should grow the best) Do you have other observations about them? What color are they? How lively do they seem? Was your hypothesis correct?