



Project Instructions

Succulent Superheroes

Summary

Succulents are plants that store water in their leaves or stems. They can live in very dry places where other plants would die – like a desert. When there is little or no rain, succulent superheroes survive on the water they have stored.

By planting succulents in your yard instead of very thirsty grass, you help conserve water. Because parts of California receive very little rainfall, conserving water is something we can do to help our planet.



Succulents also have growing super powers! If you carefully pull off a leaf of your favorite succulent, you can use it to grow a whole new plant. This process is called propagation. This activity will show you how to propagate a succulent plant.

Grow a new succulent plant

1. Gather Materials: One healthy succulent plant or look for succulent leaves that have fallen off a plant in your neighborhood, a paper towel, a container with soil and a spray bottle with water.
2. Carefully remove the bottom leaf of a healthy succulent by gently twisting the leaf until it separates from the plant at the base. Make sure you don't break the leaf. Always ask for your parent's permission before you take a leaf from a healthy plant.
3. Lay out the succulent leaves you have collected on a paper towel.
4. Place some soil in a container and wet it with water from a spray bottle. You do not want to make the soil soaking wet, just moist.
5. Once the soil is damp. Place your succulent leaves in the soil with the top of the leaf above the soil.
6. Keep the container of soil in the same sunny location.
7. Now all you have to do is wait and spray occasionally with water to keep soil from drying out completely. In a few weeks (or maybe longer), you should see the start of a new succulent plant coming from your leaf.
8. Print out the observation sheet below to track the progress.



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Observation Sheet

Use this sheet to track your observations. You can use words or draw a picture to describe changes.

WEEK	OBSERVATIONS
WEEKS 1&2	
WEEKS 3&4	
WEEKS 5&6	
WEEKS 7&8	
WEEKS 9&10	