

Sun-loving Leaves Datasheet



1. Observe:

Hold out your hand in a sunny spot. Slowly turn your hand from side to side. How do you need to hold your hand to get the most sunlight? Do you get more sunlight on your hand when you stretch out your fingers?

2. Compare:

Investigate the leaf shape of a few different plants. How do they look similar? How do they look different? Use this space to make a sketch of 3 different leaves.

3. Predict:

How do you think the shape of a plant's leaves help them get light?

4. Record:

How does the shape of a leaf compare to the shape of your hand when flat?

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5. Results:

Which leaf shape would best help a plant get light? Draw your results below.

6. Reflect:

How do your results compare to your friends? Did they select the same leaf shape you did? If they selected a different leaf shape, draw theirs below.

7. Ideas for Further Studies:

You've just discovered how the shape of a leaf can help a plant get more light. Good job scientist! Can you think of any other questions you might have after this study? List a few ideas for another study in the space below.