

## What traits are Used to Classify Plants?

Question: What plant structures do lettuce and celery have in common?

Hypothesis: I think that lettuce and celery both have the following plant structures: \_\_\_\_\_

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Procedure:

1. Observe: Use a hand lense to closely observe the lettuce leaf and the celery.
2. Communicate: As you observe each plant, draw and describe the plant. Use labels and color accurately.
3. Observe: Break the piece of celery. Pull apart the two pieces. Remove a 1-cm. piece of the string from the celery. Observe the strings with the hand lense.
4. Communicate: Draw and describe the string from the celery.
5. Observe: Break the lettuce leaf. Do you see any structures similar to the celery's strings?
6. Communicate: Draw and describe the lettuce leaf's structure.

Conclusion: Discuss how a lettuce leaf and celery are similar.

Publish: Write at least two ways that lettuce and celery are similar. Use a full sentence!

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