

# Propagating a Spider Plant Lab

## Summary

Students will conduct a lab in which they propagate spider plants to observe asexual reproduction.

## Group Size

Individual

## Materials

- Spider plants or African violets, geraniums, coleus
- water
- razor blades
- cups
- marker
- [student page](#)  
(attached)

## Background for Teachers

### Time Needed:

To be conducted over several days. 30 minutes the first day and 5 minutes the days data is collected after that.

Safety issues or specialized background knowledge: Growing plants in a classroom may expose students to mold and mold spores. Before doing this lab check to make sure no student has a known mold allergy. Plants may also be stored in a greenhouse if one is available at your school.

## Instructional Procedures

Write the question on the board: How can plants be cloned?. Ask students to take 5 minutes to brainstorm everything that comes to mind and write it on their papers. They can write or draw pictures.

Show students a spider plant (read the prediction question together and ask them to respond to the questions).

Ask students to read through the directions together then begin the lab.

## Assessment Plan

### Scoring Rubric:

1. Students actively participated in the lab and attempted to answer all of the questions .....4
2. Students answered the questions correctly.....4

## Bibliography

Lesson Design by Jordan School District Teachers and Staff.

## Authors

[Utah LessonPlans](#)