

# 1st Grade - Act. 23: How Tall are Plants?

## Summary

Students will measure a plant using unifix cubes and record their measurements on a class chart.

## Materials

various plants  
unifix cubes  
discovery journals  
pencils  
chart paper

## Additional Resources

*Look at this Tree* by Susan Canizares

*All Kinds of Plants* by Sandar Iversen

*From Flowers to Fruit* by Fred and Jeanne Biddulph

*Plant Parts* by Amy Jo

*Plants and Seeds* by Colin Walker

*Where are the Seeds?* by Pauline Cartwright

## Background for Teachers

Height is a physical characteristic of plants. It is determined by the growing conditions that the plant receives such as the amount of sunlight, water, quality of soil, and temperature. Growth is a characteristic of plants that can be easily measured.

## Intended Learning Outcomes

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5. Understand and use basic concepts and skills.

Process Skills

Description, data collection and interpretation

## Instructional Procedures

Invitation to Learn

Use a non-standard unit such as unifix cubes, paperclips, or string to measure plant growth.

Instructional Procedures

Demonstrate how to measure the height of a plant using unifix cubes.

Divide students into groups and give each group a plant to observe and measure using unifix cubes.

Record height on class chart using cut out squares to match unifix cubes.

As a class, put the plants' height on a class chart and compare.

Students will write and illustrate one or more conclusions drawn from the class chart.

## Extensions

Possible Extensions/Adaptations

Measure plants using another nonstandard unit.

Family Connections

Share discovery journal at home. Measure plants at home using nonstandard units of measure.

## Assessment Plan

Teacher observes group activities and evaluates journal entries.

## Authors

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