



Targeted Teaching Topic

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Summary of Topic:

Review of Punnett Squares

Main Curriculum Tie:

Genetics.

Required Materials for Lesson:

Sample genetic problems.

Background for Teacher:

Knowledge on how to set up and solve genetic problems using a Punnett square.

Student Prior Knowledge:

Using a Punnett square to solve a genetics problem.

Intended Learning Outcome:

Review Punnett squares and increase student's ability to solve genetic problems.

Instructional Procedure:

- Students will be given genetics problems that they will solve using a Punnett square.
- Students could be asked to solve a problem on the board. Sample: Cross a homozygous tall plant with a heterozygous tall plant (TT x Tt). Answer: 50% TT, 50% Tt.

How to Measure Outcome:

Students' ability to solve genetic problems by using a Punnett square.