



Targeted Teaching Topic

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Summary of Topic: Heredity
Main Curriculum Tie: Genetics.
Required Materials for Lesson: Paper and pens.
Background for Teacher: Define characteristics you want to trace.
Student Prior Knowledge: How genes are transferred.
Intended Learning Outcome: Understanding of dominant and recessive genes.
Instructional Procedure: Have students complete Punnett squares for various traits. Then calculate the probability for each trait showing up in offspring.
How to Measure Outcome: Correct analysis of the trait combinations and percentage likelihood of each trait showing up.