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AGED 4388

Laboratory Examples



Unit 4 - Molecular Genetics and Heredity

Instructions:

To demonstrate Mendel's Law of Segregation, put students in pairs. Each student will represent an allele. Give each pair a certain trait to represent, such as "brown eyes" or "black hair". You can have students hold signs or make shirts that signify if they're a recessive or dominant gene. Draw a Punnett square on the floor and have students change positions to demonstrate how a Punnett square is actually used.

Materials:

Clear space to draw/ create Punnett square

Chalk/paper to create Punnett square

Signs/shirts for students representing alleles

http://en.wikipedia.org/wiki/Mendelian_inheritance