

Blood Types and Heredity

Summary

In this lab investigation students will see if they can discover the pattern of genetic transfer for blood type

Time Frame

1 class periods of 60 minutes each

Group Size

Small Groups

Materials

- [student sheet](#)
(attached)
- red food color
- green food color
- water
- 4 test tubes
- test tube rack
- graduated cylinder
- beaker
- medicine dropper or pipette

Instructional Procedures

- Mix solutions of red and green water, enough for 20 ml per student group of each.
- Read the introduction with students.
- Have students make a prediction .
- Allow students to perform the lab experiment.
- Have groups combine their results on the board and come to a class conclusion concerning which types can or cannot mix.
- Give students time to solve the pedigree on their worksheet . Check for accuracy.
- Allow time for students to finish the questions and conclusions.

Assessment Plan

Scoring Guide:

1. Students follow procedures and record data.....4
2. Students correctly predict which transfusions are safe.....4

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)