


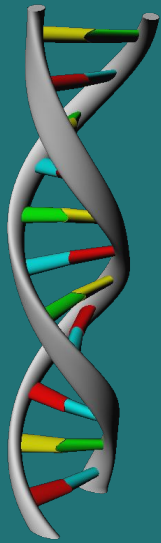


Unravel The Trait

Materials

-  Instructions sheet
-  Punnett square sheet
-  Pen/paper



Students will understand the basics of heredity using Punnett squares and observable traits.

6th - 8th
Grade










Directions

After reading the instructions sheet, test your heredity knowledge as you see what traits your parents passed down to you through their genes. Try the traits listed in the chart below using the Punnett square sheet.

Try the tests with your siblings and see if you have the same results. If you and your siblings have different phenotypes, see if you can more accurately predict your parent's genotypes.

Click for
Instructions
Sheet

Click for
Punnett
Square
Sheet

Dominant Trait		Recessive Trait	
Cleft Chin		No Cleft	
Widows Peak		No Widows Peak	
Dimples		No Dimples	
Black/Brown Hair		Blonde Hair	
Freckles		No Freckles	
Brown Eyes		Gray/Blue Eyes	