



Carrying Charges

Can you make a solution that conducts electricity to make the buzzer buzz?





Changing Colors

Can you make the solution go
from clear. . .
to yellow. . .
to blue,
. . .then back to clear?





Disappearing Colors

You just spilled juice all over
your new shirt and you are in
BIG trouble.



Can you make the stain go away?



Finding Colors

Can you find five indicator colors (red, orange, yellow, green, and blue) when an acid and a base are reacted together?





Finding Red

Can you discover which combination of chemicals will produce a **red** solution when they are mixed together?





the Fruit Juice Mystery

Can you discover which
juice is a **fake** -

made from
food coloring,
water,
and sugar?





Hot and Cold

Can you find the combination of chemicals that could be used to make an instant cold pack?





the Liquid Rainbow



Can you create a
rainbow pattern of
colors in a test tube?



Plant Power

Can you find which plants have an enzyme called catalase that breaks hydrogen peroxide into water and oxygen.





Which Powder is It?

Can you identify an unknown white powder by comparing it with common household powders?

