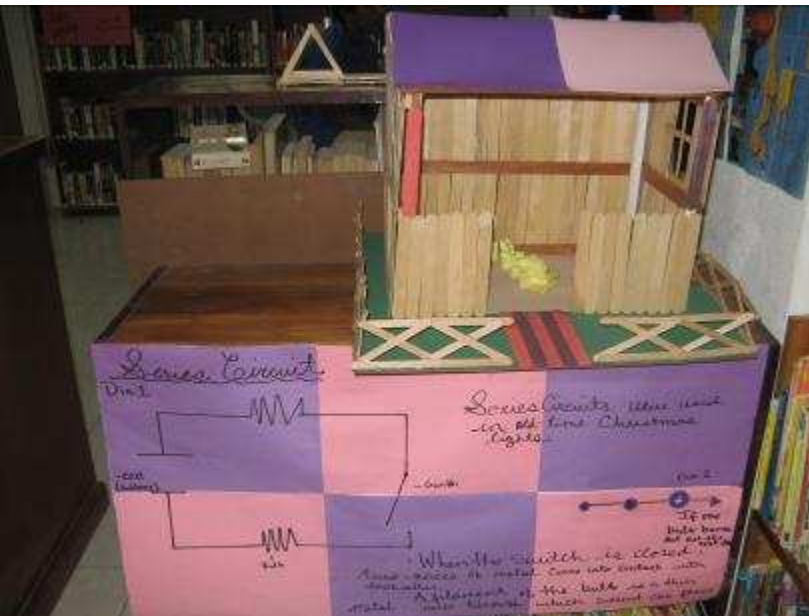




Welcome To Ocean Academy
 Science Fair
 Enjoy!!





PARALLEL CIRCUIT

R = RESISTOR
(such as a lightbulb)

Explanation → In a parallel circuit, the electrical current to each element was to turn out, the other resistors would still have power. Also if you add an extra element, the other elements will still have the same amount of voltage as before. If you remove an element, the other elements will also still have the same amount of voltage as before. We know this because of the following rules that apply to parallel circuits.

Liquids

Water Wheels

Power can be derived from the fall of water.

Historically, water wheels have been used to mill grain and wheat.

you will find

power can be derived from the fall of water.

Historically, water wheels have been used to mill grain and wheat.

Today, turbines produce hydroelectric power all over the world.

- This simple model demonstrates the principle of the water wheel and water power.

Layers of Liquids

When two liquids are mixed together, they will form a homogeneous mixture if they are miscible.

If they are not miscible, they will form a heterogeneous mixture.

When two liquids are mixed together, they will form a homogeneous mixture if they are miscible.

If they are not miscible, they will form a heterogeneous mixture.

CATAPULT

What is a catapult?

A catapult is a mechanical device that launches heavy projectiles at a distance. It is one of the oldest forms of artillery.

Activity Outside →

Test your aiming skills take one shot at the target! If the target is all down you will receive a prize! Good Luck!

DIRECTIONS: ...