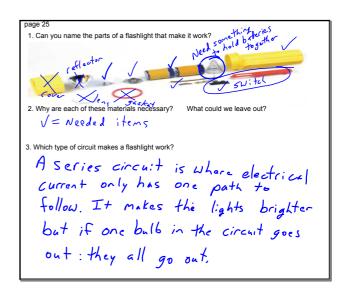
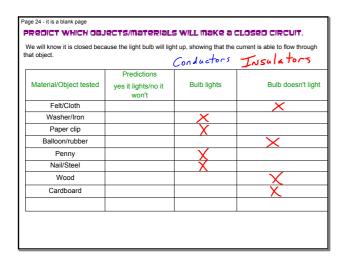


May 3-7:40 PM



May 3-7:50 PM



May 3-7:56 PM

Conductivity Lab

Record on page 24's data table

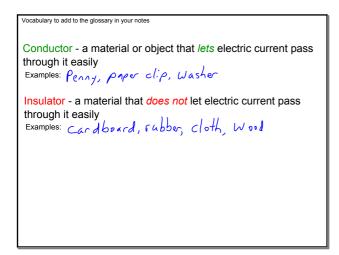
1. Connect a wire with alligator clips to each side of a bulb holder.

2. Connect one wire to one end of the battery holder. Connect the third alligator clip wire to the opposite end of the battery holder.

Hold one of the materials to be tested between the ends of the free alligator clips. Make sure the clips are not touching each other.

4. Record the results on your data table, repeat for all materials.

Apr 30-7:37 AM





May 3-8:41 PM May 3-8:24 PM

1

kip page 27, Complete page 28

Lab activity

MATERIALS AVAILABLE: WIRES, BATTERIES, BULBS AND HOLDERS, BRADS, PAPER CLIPS, TAPE, PAPER

1. Draw your plan for your flashlight. Label all of its components.

Explain

1. What are some ways that cooking with a recipe is similar to carrying out science experiments?

Skipped

May 3-8:24 PM

Lay the paper clip on a small section of index card, and mark two dots in pencil – one at each end of the paper clip.

Use pencil or pen tip to poke two small holes where the dots were marked. Put one brad through one of the holes.

Put the other brad through one end of the paper clip and then put it through the other hole of the index card.

Tape a wire to the metal of one of the brads on the reverse side of the index card, repeat for the other wire on the other brad.

Wires should not touch each other, these wires will be used to connect the switch to the batteries and the light bulb holder.

May 3-8:45 PM

Page 29 lab activity

1. What is important about contact points when designing an electrical circuit?

Contact points are where metal touches metal in the circuit. They are important because if you do not have good contact points (metal touching metal) anywhere in your circuit the current can't flow through the wires, bulb, or batteries.

2. How did your design compare to other students designs?

Page 3

3. Did your initial (first) design work? If not what revisions (changes) did you need to make?

4. Does your design meet all of the requirements listed in #1 of your student lab manual?

May 11-11:43 AM

May 11-11:48 AM

page 31 Vocabulary

1. What role does the battery play in creating a flashlight that works? The battery plays the energy source in the flashlight.

(stored chemical energy becomes electrical energy)

2. Why is it important for scientists to keep detailed and accurate notes in ther journals or notebooks?

It has to be detailed because something may not work and other scientists would not understand why. If they had multiple ideas for how or why things worked, if the first idea didn't work they could look back at their notes g try a different idea. If the notes were not accurate another scientist could not repeat the experiment and get the same result.

May 11-11:50 AM