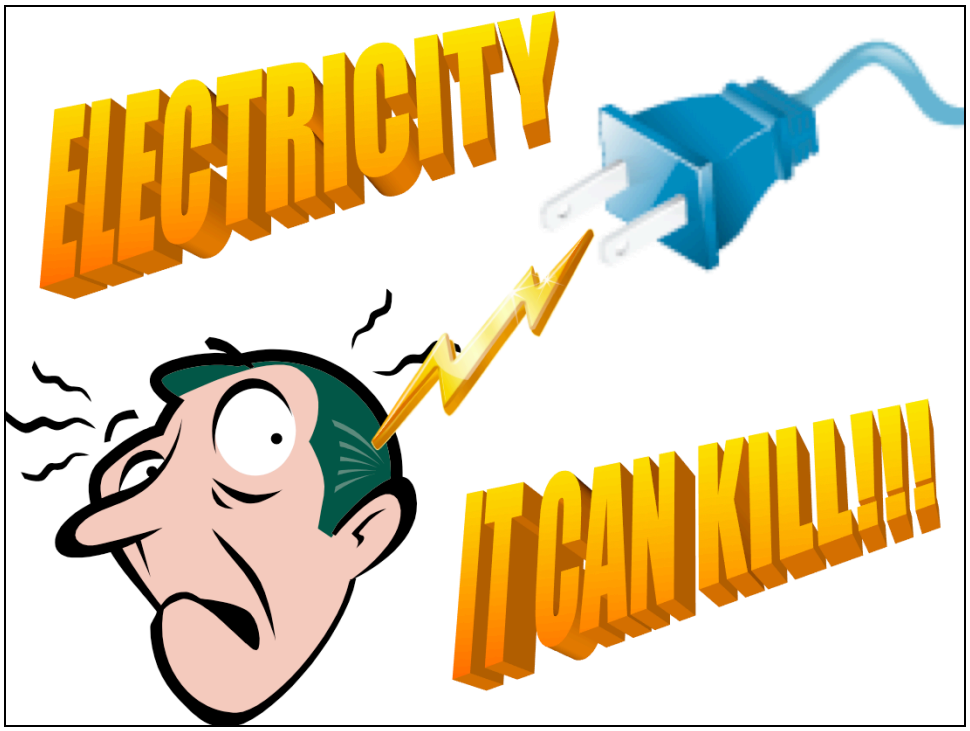
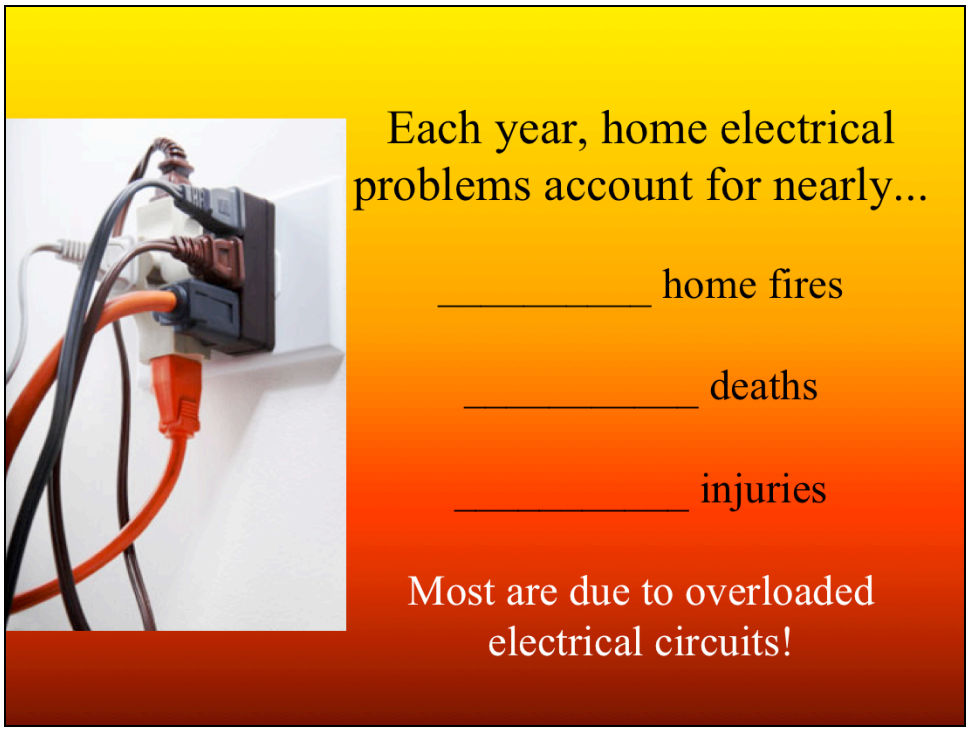

ELECTRICITY
IT CAN KILL!!!



Fill in the blanks:

55,000 home fires
500 deaths
1,400 injuries

Discuss what an overloaded circuit is. (Check out the picture.)

How does it kill?

- Electrocution –
  - _____
  - Can occur with even a small amount of electricity
  - Occurs when electricity travels through your body and disrupts critical organs
    - _____
    - _____

Electrocution – death by electricity

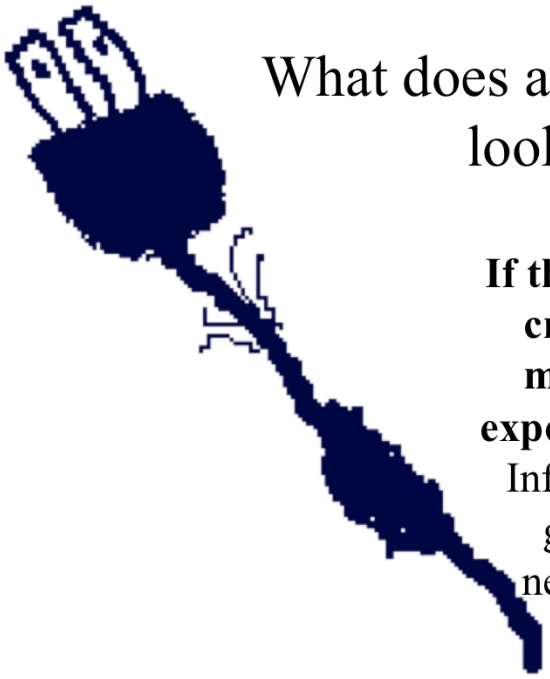
Electricity in your body can cause

- Irregular heart rhythms
- Cardiac arrest

How do I prevent electrocution?

- Do not touch exposed wire connected to household circuits, including frayed electric appliance cords or extension cords.
- Do not touch any electric appliance that is near water, or if your hands, feet or clothing are wet
  - _____ is a conductor of electricity

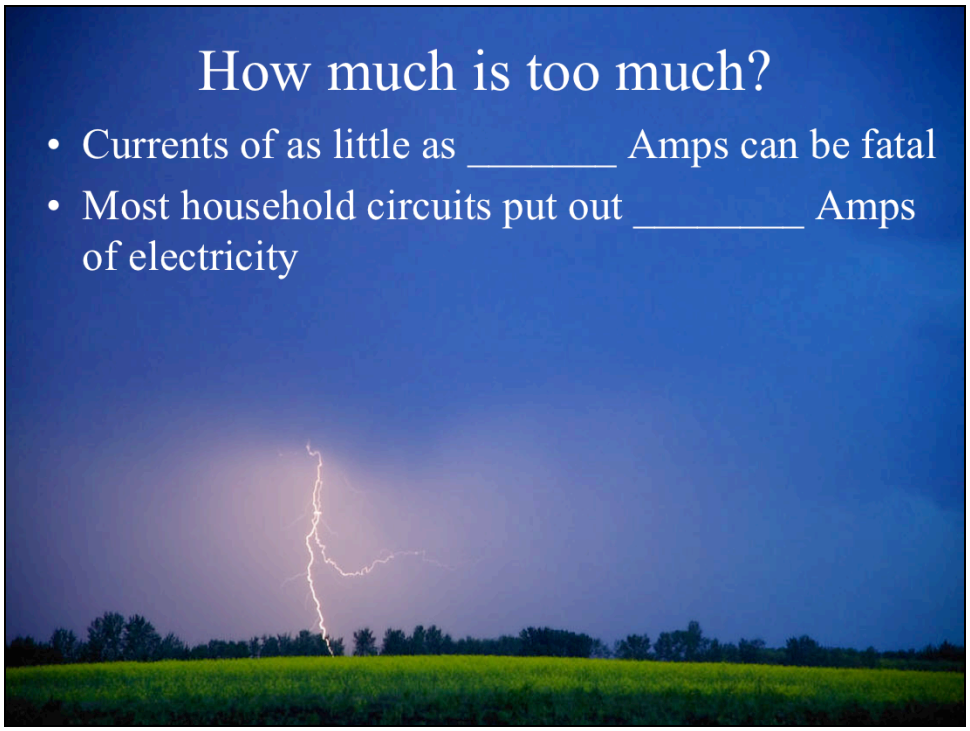
Fill in the blank - water



What does an exposed wire look like?

If the wiring or cord is cracked, frayed or missing (with wire exposed), do not touch! Inform your parent or guardian to make necessary repairs or replace.

Discuss what to do if you see a bad plug or wire



Fill in the blanks:

0.2 Amps

15, 20, or 30 Amps

Ah! I'm never touching an electrical anything ever again!!!

WAIT! Don't Panic! Simple steps can protect you! Go over the electrical safety guidelines in the handout the students have.

- Created by Cindy Barnes for Going Green! Middle Schoolers Out to Save the World (MSOSW) Project funded by NSF