

NAME _____

BILL NYE – ELECTRIC CIRCUITS VIDEO

- 1.) What is electricity the flow of?
- 2.) What word means to “go around”?
- 3.) How are electrons and water alike?

- 4.) How come you don't get shocked when you are riding in a bumper car?

- 5.) Does hot metal or cold metal conduct electricity better?
- 6.) What scientist(s) discovered that you could produce electricity by moving a coil of wire around a magnet?
- 7.) What is the name of the solar powered hybrid car in the video?
- 8.) What do we call a material that allows electricity to flow?
- 9.) What do we call the material that does not allow electricity to flow?
- 10.) What do we call the material that is between a conductor & insulator?
- 11.) What do we measure the “pressure” of electric circuits in?
- 12.) What units do we use to describe the amount of electrons flowing on a circuit?
- 13.) What is the combination of voltage & amps called?
- 14.) What is the chemical called that surrounds the rods in a battery?
- 15.) How many volts does the South American Eel produce?
- 16.) What machines are located in dams that produce electricity from falling water?
- 17.) What do we call electricity that flows in 2 directions?
- 18.) What do we call electricity that flows in 1 direction?
- 19.) What are the cells called that harnesses the suns energy for electricity?
- 20.) How can birds sit on a power line and not get electrocuted?