TOPICS CH 11 QUEST

What is current electricity?

What are the components of an electric circuit?

What do sources and loads do?

What is electrical potential/voltage? How is it measured?

What is the water analogy for electrical potential? Draw a picture.

What is current? How is it measured?

What is the difference between AC and DC?

What is resistance? How is it measured?

What is the relationship between current, resistance and voltage? (ohm’s law)

Review the gizmos on current electricity.

Draw a circuit diagram using symbols (and a ruler!)

What are the two types of circuits and how are they different? (make a chart)

What is the advantage of wiring homes in parallel?

Review your conclusions for the series and parallel labs.

Be able to predict the number of amps or volts in a certain location in a circuit, given a circuit diagram with some information).

What are the elements of electrical safety in the home? List and explain each.