

Electricity: building simple circuits

energy-forces

Words to use

Complete loop · Conductor · Insulator

Our question

Which materials let electricity through to light the bulb, and which block it?

Sort these words into Change, Measure and Keep the same

the material placed in the gap · whether the bulb lights (yes or no) · the battery · the bulb · the wires and how they connect · the size of the gap

Change: the ONE thing we change

Measure: the ONE thing we measure

Keep the same: to make it fair

Our conductor and insulator tests

Material	I predict: lights or not?	What happened

Draw and label your battery, bulb and switch loop

What had to be true for the bulb to light?



Lesson 20

What did the switch change?

