



Colour in the outline of the Tasmanian Devil with a graphite pencil.

Place a 9V battery on his tail, making sure you align the positive and negative ends with the graphite lines.

Take an LED and bend the bottom ends of the wires. Tape the wire at the end of the lines across the other gap, aligning positive and negative wires.

Make sure your LED stands upright. The wires should be in contact with the graphite lines.

What's going on?

Graphite is an electrical conductor, perfect for learning about circuits and electricity! Because graphite is low in conductivity, the success of a circuit will depend on the length, thickness, and amount of graphite on the paper. eg: the longer the graphite path is, the dimmer your light will be.