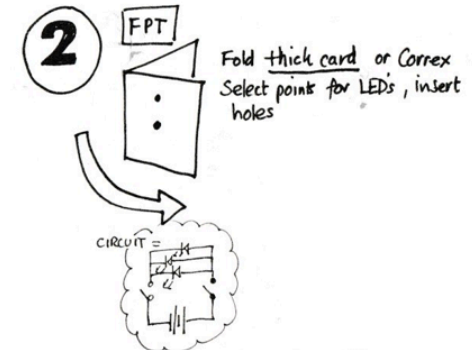


Design Technology Subject Knowledge Bank

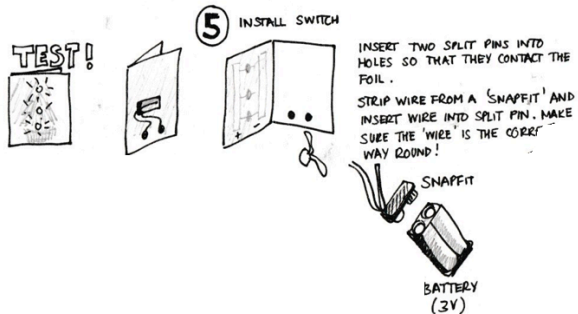
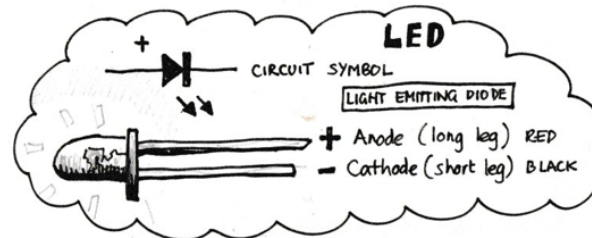
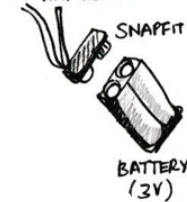
Year 6: Electrical circuits

Vocabulary	Definition
LED	A light-emitting diode is a semiconductor device that emits light when current flows through it.
Components	a part or element of a larger whole, especially a part of a machine or vehicle.
Modification	A change to something usually to improve it.
Specification	A detailed description of the design and materials used to make something.

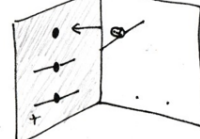


INSERT TWO SPLIT PINS INTO HOLES SO THAT THEY CONTACT THE FOIL.

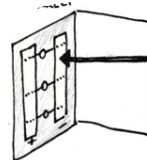
STRIP WIRE FROM A 'SNAPFIT' AND INSERT WIRE INTO SPLIT PIN. MAKE SURE THE 'WIRE' IS THE CORRECT WAY ROUND!



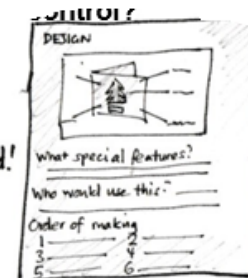
INSERT LEGS INTO HOLES. NOTE THE LEG LENGTH!



GLUE ON THE ALUMINIUM FOIL STRIPS OVER THE LED LEGS AND PRESS DOWN!



3 Design your card!



Design Technology Subject Knowledge Bank
Year 6: Electrical circuits