



I have been exploring **Electrical Systems** and I have learnt...

### Stages of my electrical systems unit

#### I Don't Make Excuses

**Investigate-** We looked at different battery powered products and considered how they are made.

- We investigated different types of switches and thought about how they work.
- We practised designing circuits.

**Design-** - Using sketches and labels, we designed different light up Christmas ornaments. From this, we chose the best design, which we based our final product on.

**Make-** As a team, we shared our ideas about what materials and tools we would need, and what techniques we would use to make the product, and any safety procedures we would need to follow.

-We made a light up Christmas ornament.

**Evaluate-** We discussed whether our light up ornament met our design brief and why. We thought about what worked well and what we would do differently next time.

### Key Vocabulary

**Battery-** a device that converts chemical energy to electric energy.

**Circuit-** a path which electricity passes through.

**Electrical connection-** any structure that allows electricity to flow through it.

**Switch-** a device for making and breaking the connection in an electric circuit.

