

## Year 3 - Electric poster

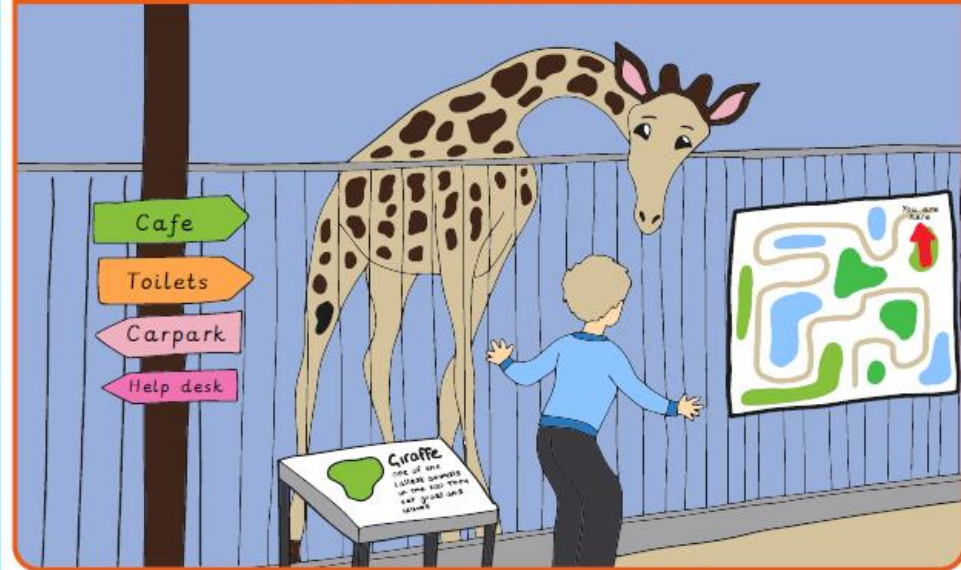
Battery	A cell or connected group of cells which store electrical energy.
Bulb	A component which gives light when electricity passes through it.
Circuit	A collection of components which make an electrical system.
Circuit component	One of several parts of that complete a circuit (e.g. bulb).
Information design	Facts that are displayed in a visually appealing way and are easy to understand.
Initial ideas	A series of sketches to solve a problem or design a product.
Information	Facts that we learn or research about something.
Public	People in our community.
Research	Using different media (e.g. newspapers, books, online searches) to collect information about a subject.
Wire	A thin piece of copper thread which conducts electricity to connect circuit components together.

An electrical product is an object that uses an electrical system to make its different parts work.

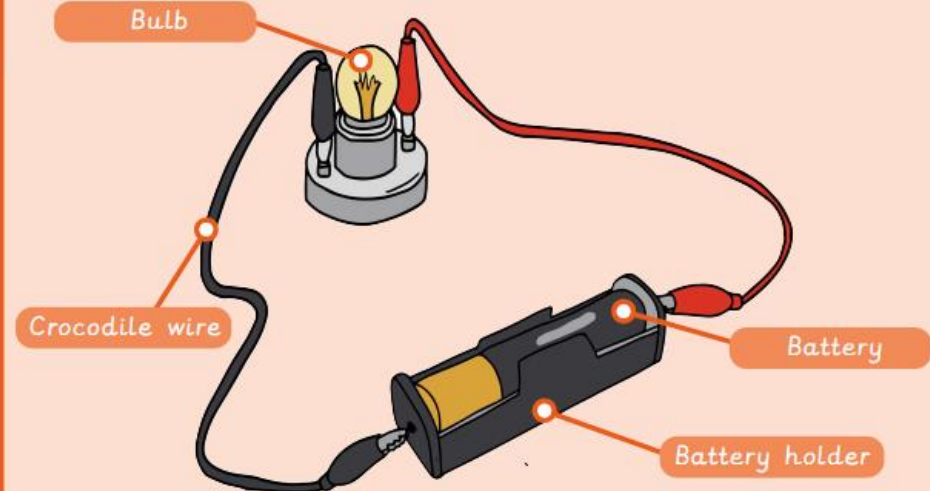


## Key facts

Information design is one area (field) of design. It covers all items and products that are developed to give the public further information.



An electrical system is a group of parts (components) that work to transport electricity around a circuit.



Year 3/4 DT Summer 2 2024

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### Sessions and Key Learning

Session	Key Learning	Activity
1	<b>Public Information Design</b> What is information design? What are examples of information design? Why is it important? What are the key features of good public information design?	Vocabulary review. Watch virtual tours of museum and zoo to identify information designs. Discuss purpose, <u>use</u> and key features. Answer key questions. Identify information design examples around our school.
2	<b>Research and Initial Ideas</b> What do you want to teach? How will you incorporate a light bulb? Which initial design is your favourite? Does your design meet the design criteria?	Vocabulary review. New key vocabulary – review previous lesson. Complete spider diagram of ideas. Discuss and sketch ideas. Review and evaluate ideas.
3	<b>Design Development</b> What is peer and self-assessment? Why do we evaluate? Why is it important to gather feedback from others? What is the design cycle?	Vocabulary review. New key vocabulary – review previous lesson. Review and share information from research topic. Peer and self-assessment of chosen idea. Discuss differences between an initial and final design. Complete final design.
4	<b>Electric Poster Assembly</b> What key vocabulary can you remember? What design features must information design have? What is an electrical system? What is an electrical product?	Review previous lesson and science knowledge relating to electrical circuits. Completing poster. Assembling electric poster. Sharing posters with our peers. Evaluation.