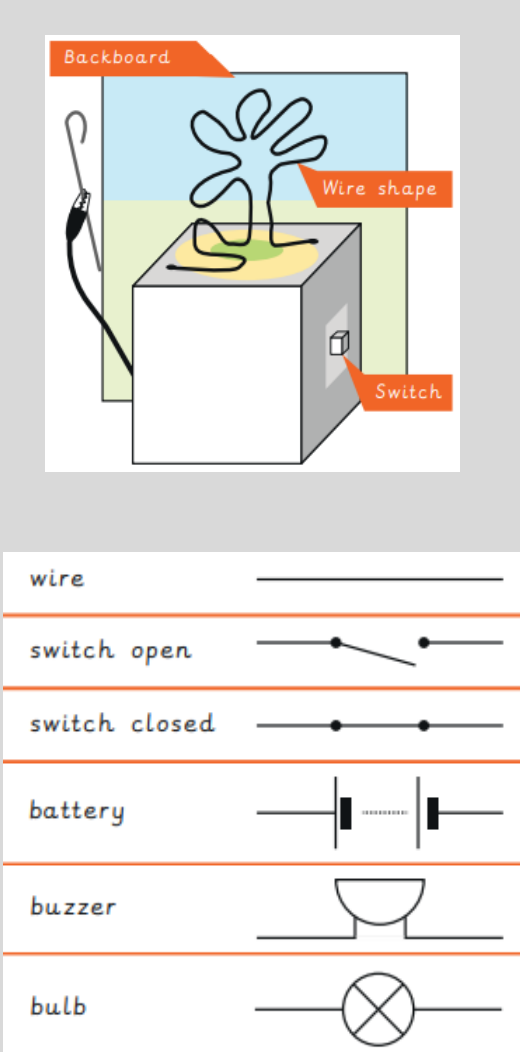


Year 6: Electrical Systems Knowledge Mat

Subject Specific Vocabulary		Product Outcome	Important Knowledge
authentic	Something that is believable, real and meaningful (not a copy of something).		<ul style="list-style-type: none"> <input type="checkbox"/> I can effectively research and analyse a range of images and information about children's toys. <input type="checkbox"/> I know the the components of a steady hand game. <input type="checkbox"/> I can design a steady hand game using 3D perspective drawings. <input type="checkbox"/> I can design a simple net through computer aided design. <input type="checkbox"/> I can construct a stable base using a net. <input type="checkbox"/> I know how to cut and assemble with precision to achieve a high-quality finish. <input type="checkbox"/> I can design and incorporate a working circuit into the base. <input type="checkbox"/> I know how to refine and adapt my product to ensure it meets the design specification. <input type="checkbox"/> I can provide constructive feedback for my peers. <input type="checkbox"/> I can critically analyse my product and know how it could be enhanced.
justify	To prove something to be right or true.		
innovate	A new idea, product or way of doing something.		
precise	To be accurate or to have an exact likeness to something.		
market research	Any piece of computer equipment that converts information into a readable format. E.g. a printer.		
form	The shape and appearance of an object.		
assemble	To fit together the separate component parts of an object.		
component	A part of something. E.g. a screen is a part of a computer.		
fit for purpose	Something that is well suited for its designated role or purpose.		
function	The purpose of an object or how a product works.		