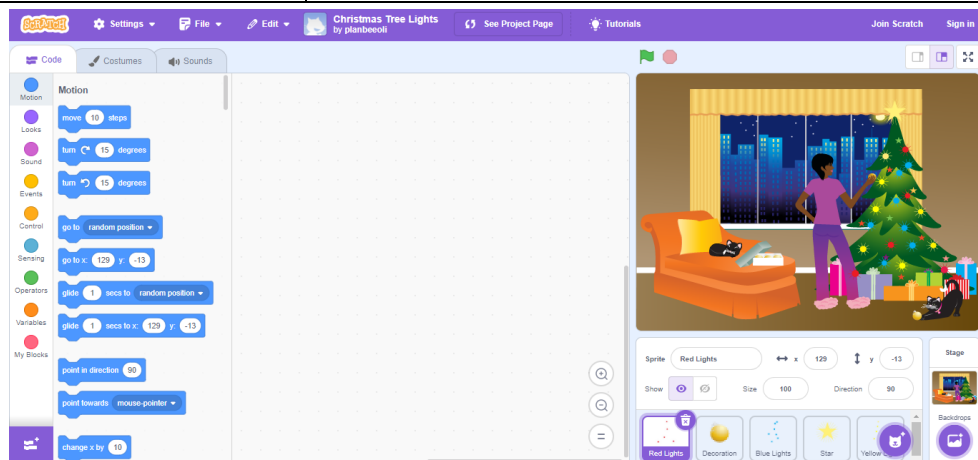
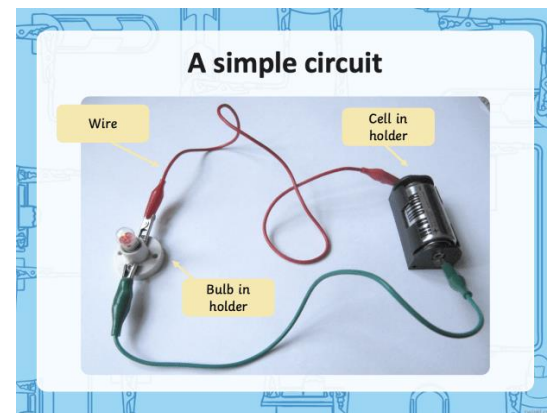


Design and Technology Knowledge Organiser – Alarms

Key Vocabulary	Definition / Explanation
purpose	Who or what is the product for? What does it need for its purpose?
circuit	A path through which electricity passes along.
LED bulb	Light emitting diode. It allows electricity to only flow in one direction to produce light
Appropriate tools and materials	Tools, equipment and materials that will match the purpose of the product.
program	A program is created using a programming language, which allows a computer programmer to write lines of code that the computer can understand.
software	Software is the program, or instructions, that tell the hardware what to do.
fault	A break or problem in the system /circuit that stops it doing what it is meant to do.
connection	Where one part of a circuit is attached to another.
electrical components	Items used to make an electrical circuit. Mainly wires that carry the current through the circuit; a device e.g. bulb, motor, buzzer that uses the current to do some type of work; and a power source , such as a battery.



A screen shot of coding for the Scratch software.