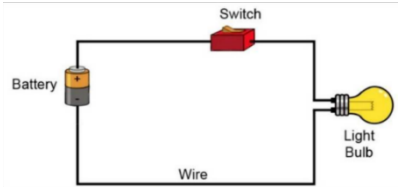
HOLY NAME
CATHOLIC VOLUNTARY ACADEMY

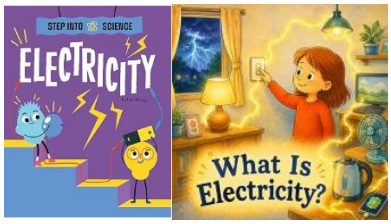
Year 4 Design Technology

Simple Circuits- Alarms

Retrieval	New Learning
• I know how to develop ideas from an original design. • I know the ways my products can be improved. • I know which tools are used for a particular task. • I know how to design a products using sketches, measurements and annotated drawings.	• I know different types of switches are activated. • I know how to create circuits with a variety of different switches. • I can design an alarm system for a particular purpose. • I can create an alarm system based on a design. • I can evaluate a finished product design.

Key Vocabulary	Definition	
Battery	A device that can supply electrical power.	
Bulb	Round, clear glass which produces light from an electrical current.	
Connection	The way that an object is linked with something else.	
Fault	An abnormal electrical current.	
Series Circuit	A path that electricity flows through.	
Toggle Switch	An electrical switch, which operates by a level that goes up and down.	

Beyond the Curriculum

Recommended Books		
	• Read 'Electricity' by Peter Riley. • Read 'What is Electricity' by Margaret Bar. • Search your home for games that use electrical circuits.	**<u>Catholic Virtues</u>** Love of Learning Patience **<u>Catholic Social Teaching</u>** 