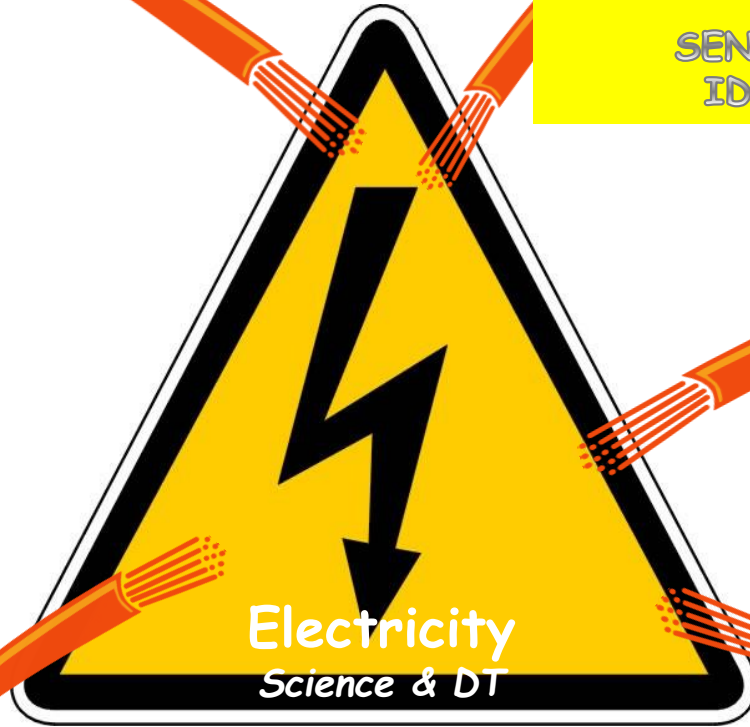


Creating circuits
 Exploring circuit components and symbols
 Conductors/insulators
 What is electricity?
 Battery or mains?
 What's in a plug?
 Electrical safety
 Positive/negative points
 How is electricity produced?
 Saving energy
 Renewable energy
 Safety
 On and off

SCIENCE



Light/dark
 UV - bubbles, foot spa, balloons
 Switch work - activating electrical devices
 SENSORY IDEAS

History of electricity
 Different providers
 Music - electric guitars, keyboards
 OTHER SUBJECT LINKS

Solar panel farms
 Wind turbines
 Didcot power station
 Electrical shop
 Visiting electrician

COMMUNITY VISITS

Making movable vehicles
 Making light up toys
 Solar powered toys
 Creating/making windmills
 Kites
 Intruder alarms
 Torch - designing packaging

DT

Electricity

During this topic the pupils main focus will be on DT, Science, other subjects may be covered as part of cross curricular links.

CLL	Maths	ICT/Computing	PSHCE	PE
See book list for possible book links to this topic.	Electricity prices - working out price per unit - problem solving	Programming	Around school - saving energy	Making circuits - circle games
Instructions e.g. How to make a circuit		How to make circuits - BBC website		
Posters - e.g. electricity safety				

