

MFL

RE

See SD planning.

Hooks

.Preparing for a visit from a Roman (Spring 2)

PE

1. Swimming
2. Dance – The Hakka

History/Geography

Why were the Romans so powerful and what did we learn from them?

- Julius Caesar
- Hadrian's Wall
- Boudica
- Romanisation of Britain

Topic Title/Term

Electricity & the Roman Empire

Spring 1
(2017)

Science

How could we cope without electricity for one day?

- identify common appliances that run on electricity
- construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
- recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- recognise some common conductors and insulators, and associate metals with being good conductors.

DT

Design and build a Roman shield.

PSHE

New Years Resolutions (fresh starts).
Trusting your friends (link to Julius Caesar).

Science: How could we cope without electricity for one day?

Learning Challenge 1

Why have we become so dependent on electricity?

Learning Obj:

Construct a simple series electrical circuit, identifying and naming its basic parts.

Challenge description

Learn that batteries & mains electricity are the most widely used sources of electricity & that electricity can be dangerous so care needs to be taken. Chn make a simple circuit & recognise when/why a circuit will not work. They understand that a circuit needs a source of power & a device that uses that power to make it work. Use pictures to represent components of an electrical circuit in drawings.

Learning Challenge 3

What are conductors and insulators and how are they associated with electricity?

Learning Obj:

Recognise some common conductors and insulators, and associate metals with being good conductors.

Challenge description

Chn carry out an enquiry to find out which materials are good electrical conductors & which are good electrical insulators. Where might these materials be used? They then discover what to do if someone has an electric shock.

Learning Challenge 2

How can you create an electrical circuit that has a switch or a buzzer?

Learning Obj:

Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit

Challenge description

Discover that switches are used to break an electrical circuit & that switches are used to stop and start an electrical appliance or to change how it works. There are various forms of switches. The chn design, make & test their own switch.

Learning Challenge 4

How do we turn up the lights?

Learning Obj:

Investigate how to effect the amount of electricity in a circuit.

Challenge description

Set up an enquiry to find out how changing the number of components in a series circuit can make a bulb brighter or dimmer. Swap the bulbs for motors or buzzers & make further enquiries. Predict, use fair tests & draw conclusions.

Science: How could we cope without electricity for one day?

Learning Challenge 5

Who were Benjamin Franklin, Thomas Edison & Michael Faraday?

Learning Obj:

Understand famous scientists' influence on 2016.

Challenge description

Discuss Benjamin Franklin, Thomas Edison & Michael Faraday's contribution to our understanding of electricity. Children carry out research & write a fact file or biography.

Learning Challenge 6

How is electricity generated and what do we mean by alternative sources?

Learning Obj:

Identify alternative sources of energy/electricity.

Challenge description

Identify alternative sources of energy. Study alternative sources of energy. *Create a poster or NCR for all sources of energy and/or electricity.*

History / Geog: Why were the Romans so powerful and what did we learn from them?

Learning Challenge 1

What is it like to be invaded and which countries have been invaded recently?

Learning Obj:

Understand how it feels to be invaded.

Challenge description

Study a timeline of all the invasions Britain has witness over the past 2000 years. What do the chn know about each set of invaders? Set up bases and role play an invasion. Reflect upon the feelings of an invasion in a recount.

Learning Challenge 3

Would you prefer to be a Gladiator or a Premiership footballer?

Learning Obj:

Understand the life of a Roman gladiator.

Challenge description

Learn about life as a Roman Legionary and create an informative leaflet.

Learning Challenge 2

Who were the Romans and would they have enjoyed coming to Britain?

Learning Obj:

Locate Italy and Rome on a world map.

Challenge description

Use atlases to locate Italy and Rome on a world map. Understand how the Roman Empire emerged and expanded in the 3 centuries before the birth of Christ and why they were so successful in their conquests. Begin to understand how the Roman empire over time had three ruling systems: Kings, Republic and Empire. Debate the merits and downsides of each one.

Learning Challenge 4

How could you be as fit as a Roman?

Learning Obj:

Act out the life of a Roman soldier.

Challenge description

Children learn about the Roman army and train together, being given orders by a centurion. They act out a battle.

History / Geog: Why were the Romans so powerful and what did we learn from them?

Learning Challenge 5

What did the Romans do for us?

Learning Obj:

Understand the Roman's legacy.

Challenge description

Ancient Roman workshop provided by Portals to the Past history performer.

Learning Challenge 6

Why did the Romans need to build forts?

Learning Obj:

Analyse the use of Roman architecture techniques in 2015.

Challenge description

Children study the types and architecture of Roman buildings, including the use of columns, pediments, colonnades, etc. They make a model Roman building.

Learning Challenge 7

Who was Boudicca and why did she become so famous?

Learning Obj:

Explain why Boudicca rebelled against the Romans.

Challenge description

Children think about what life was like in a Celtic tribe when the Romans were in Britain. Learn about the events leading to Boudicca's rebellion and write a rallying speech to be give by Boudicca to the Celts. Study the Battle of Colchester. Create comic strip of events.

Learning Challenge 8

Who were the famous Romans and what do we know about them?

Learning Obj:

Investigate the lives of famous ancient Romans.

Challenge description

ICT PowerPoint presentation about a famous ancient Roman of choice.