ART/DESIGN & TECHNOLOGY

Design a torch for a younger child.

Make a model of a wind turbine.

Design a lampshade you would like to have in your bedroom and make it.

RESEARCH

Research the American inventor Thomas Edison.

Research the scientist Michael Faraday.

Research all of the ways that electricity can be produced.

Research how a light bulb works.

Learning how to wire a plug.

MATHS

Draw a circuit on squared paper and work out the area and perimeter it covers.

Find out the speed that electricity travels and calculate how far it will travel in: 1 minute, 1 hour, 1 day, 1 year.

Are you a bright spark?

HISTORY/GEOGRAPHY

Compare and contrast a home before and after the introduction of electricity.

Draw a map or diagram to show how electricity gets the power station to our homes.

Use a map to locate the nearest power station and calculate how far away it is.

ENGLISH

Write a set of instructions for using an electronic device.

Write a biography about Edison or Faraday.

Write a report about electricity.

Write an adventure story about an electron.

Create a safety booklet about electricity for younger children.

Write an advert for a new computer game.

PRESENTATION

Remember you can present your work however you like.

It can be a poster, a booklet, a PowerPoint or something you have drawn/made.

Let your imagination go wild!

You have the whole half term to work on it.

Homework is due in on.....

YOU MUST COMPLETE AT LEAST ON PIECE OF HOMEWORK.