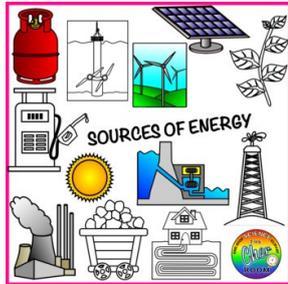


Key Focus areas

Climate change Energy Age of Enlightenment and Industrial Revolution

Comics and graphic novels Superheros and superpowers Buddhism

Challenge 1: What is energy? What is power?



Science : What is energy? How does it differ from power? Stores (forms) of energy. How energy moves from one form to another. Investigations to explore this such as making solar cookers, making catapults etc.

Energy usage in school (power rating.)

Renewable and non-renewable energy. Exploring renewable sources of energy to support lessons on climate change.

Science and PSHE: Where do we get our energy from? Food groups, diet and healthy eating

Maths / How science works: design a balanced daily diet which is also balanced. How would you meet the daily dietary requirements regarding balance and required energy? How would you meet the



Challenge 2: What is enlightenment?

History (continued from last term): Age of enlightenment. Midlands industrialists. Explore influential people in the Midlands in Georgian times such as Richard Arkwright (school visit to Cromford,) Abraham Darby III.

RE: Buddhism. The enlightenment of Buddha. Siddhartha Gautama (who founded Buddhism.) and the teachings which followed. How Buddhists worship. Festivals such as Vesak and the ploughing festival. Core beliefs and teachings of Buddhism.

English: The Monkey King. The Monkey King's Sacrifice. Reading : Monkey in Heaven. (core text for younger children)



Challenge 3: How incredible would it be to have a superpower?

English: features of comics / graphic novels. Onomatopoeia. Advertise superhero products. News report describing a superhero event. Diary of a superhero. Create our own superheros. Describe our evil twin.

English: The Danger Gang (common whole class text.) Diary writing. Creating advertisements for inventions. Newspaper report of events. Description of characters including an 'Evil Twin.'

Art: people in action. Creating movement lines and other techniques to create the illusion of movement. Sketching poses and facial expressions on cartoon faces. Create a montage to give the illusion of movement.

PSHE: are there real life superpowers?

Music: creating sounds to match scenes. Theme tunes for superhero films.



Challenge 4: Why was the Industrial Revolution such a big deal?

DT / History: The power of water and introduction of waterwheels. Wonderful Waterwheels Day at Cromford (school visit)



History: life pre-industrial revolution and context of where the industrial revolution sits within our history of time. Main factors in the creation of industrial Britain. Importance of cities. Changes in power (water then steam.) Key inventions. How the Industrial Revolution changed lives.



Agricultural revolution and changes in agriculture.

English text: Freedom 1783. (Text for older children.) Enslavement in the industrial age.

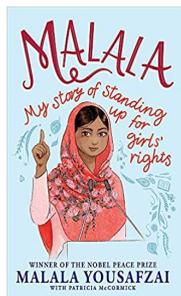
Geography: types of settlement. Why settlements develop in certain locations. Identify settlements and links between them. Compare land use. Land use in the UK.

Challenge 5: Who holds the power?

PSHE: What makes me incredible? Building growth mindset.

Music: Unit of work : what makes us HAPPY? Appraise a range of songs focused around happiness. Soul and Motown music. Join in with the song 'Happy' using a range of instruments. Singup song : The Power in Me

History: Reform Bill of 1832. Nottingham Castle study (possible visit)



English / Education for Social Responsibility/ Geography: Rights of a child. Girl's literacy. Malala. Refugees. Writing a biography.

Current worries for girls in Afghanistan.

The impact of huge companies such as Amazon.
The most powerful individuals in the world.
Which countries hold the power?

Science: where do we get our power from. The Human Body.

Challenge 6: Can the power of your plate change the world?

Science / education for social responsibility / health education:

Methane in our environment and the impact of cows.

Can we rate our foods?

How might we support 'feeding the world?'

Shopping local

The rise in veganism.

The power of superfoods.



Challenge 7: What has power got to do with climate change?

Geography: what is weather? What is climate? Measuring the weather. Climate zones.



Science / geography: what is climate change? Causes of global warming. Combatting global warming.

German: Weather. Weather forecasts. Build on countries and contents learning. Parachute games. Transport.

ICT: Create a weather report video in German (using green screen.)



Discretely taught subjects:

PE: sessions will continue in the village hall, in the playground or on the Grange (usually on Wednesdays)

Spanish: sessions will be on Wednesdays

These are broad areas and possible curriculum objectives, which will be developed in more detail according to pupil interests.