

Energy around us local walk

Energy – what are our options?

Plan and coordinate a school uniform recycling service for end of year

STEM Essential Knowledge

Maths

- Calculate angles in quadrilaterals.
- Properties of circles include radius and diameter.
- Read, plot and solve problems with coordinates in four quadrants.

Science

- Living things share seven life processes.
- Organisms are classified into broad groups e.g. (birds, amphibians, micro-organisms) based on observable characteristics.
- There are different scientific tests, including fair tests and observations over time.

Computing

- Data is entered into cells on a spreadsheet.
- Formulae for percentages or averages, max and min can be used.
- Statistics can then be analysed or displayed in graphs.



Kingfisher Class Summer

Language & Literacy Essential Knowledge

Reading

- Skim and scan for answers, searching for words from the question or related words.
- Refer to and quote text evidence to support impressions and opinions.

Writing

- Respond to poetry with own compositions
- Use metaphors, similes, personification and other word-play

French

- Know ways to travel to France and plan a holiday
- Describe luggage and routes in French.



Class Text: Poetry by Carol Ann Duffy

Humanities Essential Knowledge

Geography

- Fossil fuels are non-renewable and burning them to generate electricity produces carbon dioxide.
- Know evidence geographers have identified of climate change.
- Know renewable energy sources.
- Know some pros and cons of nuclear energy.

Significant Individual

- Ada Lovelace – women in STEM.

R.E.

- Know how the Nazi persecution of Jewish people began and grew, and the impact of this.
- Know about the Kindertransport and the importance of providing refuge to people who are persecuted for who they are.
- Remembering examples of hatred and prejudice support the important idea of 'never again'.



Ada Lovelace

Arts Essential Knowledge

Music

- A strong performance to a large audience involves facial expression, movement, gesture projection and pronunciation.
- Solos and duets are ensemble pieces.

PHSE

- Know how to set and achieve aspirational goals.
- Know some topical health and wellbeing issues and make suggestions for any PE (Rounders and Athletics)
- Know the standard rounders pitch layout and use this to explain rules and strategies.
- Use tactics for attacking and defending in a role of bowler, batter and fielder.
- Know a range of jumps showing power and control at take-off and landing.
- Know how to throw with greater accuracy with foam javelin, shot and discuss.

Wellbeing/RSE/PE

