



Courtney Primary - Topic Sheet- Where does our power come from?

Term 3 – Year 4 – Mr Thomas

Headteacher: Mrs Deborah Wood B.A Hons. N.P.Q.H



What is this topic sheet for?

This sheet shows you the topics your child is covering this term and gives you ideas and ways you can help your child at home. The library is always a good starting point and the internet has many great sites. If you visit www.courtneyprimaryschool.co.uk and click on the 'Links' section, you will find useful websites listed there.

English

Our class text will be:

The wolves in the walls.

We will be learning the following grammar skills:

- Create and expand characters in narratives.
- Use nouns and pronouns to aid cohesion between sentences.
- Use noun phrases expanded by modifying adjectives.
- Use inverted commas (speech marks) and other punctuation accurately to indicate direct speech.
- Expand the use of non-fiction language features.

We will be linking our Science and English writing too – look out for the writing within our science books.



Maths

In Maths this term we will be covering the following skills:

Measurement – area

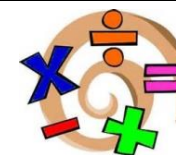
- find the area of rectilinear shapes by counting squares

Number – multiplication and division

- recall multiplication and division facts for multiplication tables up to 12×12
- use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- recognise and use factor pairs and commutativity in mental calculations
- multiply two-digit and three-digit numbers by a one-digit number using formal written layout

Fractions

- recognise and show, using diagrams, families of common equivalent fractions
- count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten
- solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
- add and subtract fractions with the same denominator



Computing The impact of Technology

We will:

Describe the features of a search engine that help you to search. Know how to select an appropriate search tool. Describe how to use a search engine effectively (to get best results). Know why search results are ranked differently. Know how to check the reliability of a web site. Know about file structure, naming and organisation and the implications for finding resources. Know about the different places data can be stored and the benefits and issues of this.



PSHE and British Values



Our jigsaw piece for the term is – **Dreams and Goals**

We will be learning about:

Staying motivated through difficult tasks;
Showing resilience even when a task is difficult;
Having a positive attitude;
Working well in a group or with a partner.
This will link to **tolerance**, one of the British values.
Have a think at home about your dreams and ambitions.

Courtney value: We set ourselves ambitious targets and dare to have big dreams.

Curiosity - Cat



Science

We will be learning about shocking electricity! During this term we will:

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.

Our **famous scientists** are:

Thomas Edison, John Logie Baird, Alexandre Edmond Becquerel and Edith Clarke.



RE

Key question:

What can we learn from religions about deciding what is right and wrong?

We will be discussing the above question whilst learning from people from many faiths. Including: Christians, Jewish people, non-religious people (eg Humanist).

We will be giving examples of ways in which some inspirational people have been guided by their religion.



Art and DT

Warning signs! We will take our stimulus for our DT work from local warning signs.

We will go on a tour around the school (in and out) to locate warning signs and discuss their purpose. We will identify potential hazards around the school or local community and create our own warning signs to address the potential risk.



PE

During P.E this term, we will be following Unit 1 from Real PE. We will be taught two PE sessions a week, one with Mr Thomas and one with Mr Smith during PPA cover.

In our other PE lesson we will be learning dances from around the world. We are looking forward to revisiting some of the locations Phileas Fogg visited on his journey around the world!

