

Work to be covered in the Spring Term by Year 5.

This information has been provided so that you are fully aware of the work your child will cover over the term.

We hope it will also enable you to support your child at home in their studies.

If there is anything contained in this leaflet that you don't understand, please contact your child's class teacher.

Maths:

- Multiplying up to 4-digit numbers by 2-digit numbers
- Dividing up to 4-digit numbers by a 1-digit number
- Dividing with remainders
- Equivalent fractions
- Converting improper fractions and mixed numbers
- Comparing and ordering fractions
- Fractions as division
- Adding, subtracting and multiplying fractions
- Fractions of amounts
- Decimals up to 1/1000
- Comparing, ordering and rounding
- Equivalent decimals, percentages and fractions
- Applying skills and knowledge to problem solving contexts

English:

- To write in a variety of genres including: persuasive texts, film narratives, adventure stories and newspapers.
- Read examples a wide range of different texts including: newspapers, traditional stories, reports, traditional stories, examples of popular children's literature with a focus on understanding different aspects of the text.
- To consider vocabulary carefully for its impact in persuasion, interest and to specify meaning.
- To use clauses and a wide-range of conjunctions within writing.

- To use non-finite, adverbial and relative
- To use a wide-range of punctuation including commas, brackets and dashes.
- To understand the typical features of different texts and to organise writing appropriately for the text type.
- Learn spelling patterns and apply spelling rules.
- Maintain a legible, fluent and joined handwriting style.

Science:

- Materials and Earth and Space
- To compare and group together everyday materials on the basis of their properties.
- To know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.
- To use knowledge of solids, liquids and gases to decide how mixtures might be separated.
- To demonstrate that dissolving, mixing and changes of state can be reversible.
- To describe the movement of the Earth and other planets relative to the Sun in the Solar System.
- To describe the movement of the Moon relative to the Earth.
- To describe the Sun, Earth and Moon as approximately spherical bodies
- To use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

Computing:

- To use a variety of tools within Scratch software to produce an interactive game
- To look at different types of cryptography
- To cover a range of E-safety topics including: how to cite a site and online images

Music:

- To combine beat, rhythm and tempo.
- To develop the idea of the round into a four part performance.
- To introduce tuned percussion.

PE:

- To self and peer review strengths and weaknesses
- To react to different gymnastic skills and improve performances
- To develop methods to outwit opponents
- To recognise and use patterns of play to increase successful attacking strategies

French:

- To learn vocabulary linking to the school day and classroom objects.
- To use simple sentences to communicate about the school day.
- To have simple conversations with a partner.
- To develop accurate pronunciation of French words.

Geography: Rivers and Mountains

- Identify and describe the physical features of rivers and mountains.
- Use OS maps, aerial photographs and GIS to recognise, describe, compare and contrast and explain these features
- Describe the components of the hydrological or water cycle
- To interpret a range of geographical evidence to develop understanding about flooding in Bangladesh and the impact of 'The little Iceage'."
- Make a judgement as to why reservoirs were constructed by the City of Birmingham in the mountains of central Wales

PSHE:**Relationships-what makes a good friend?**

- To be able to identify positive things about themselves and others.
 - To identify what it feels like to be embarrassed.
 - To explore how people react to loss.
 - To understand that grieving is important and that there is more than one way to grieve.
- Getting on and falling out**
- To explore different types of friendship.
 - To know that we are responsible for the choices we make and the way we behave, even when very angry.

DT:

- To make choices in a design of a puppet
- To consider materials and skills required to produce a design
- To develop a range of sewing techniques
- To use wood work skills to form the structure of a puppet
- To evaluate the final product against its success criteria

Art:

- To explore Fauvism and famous artists.
- To replicate patterns and techniques used within Fauvism.
- To produce art work using inspiration from this style.

RE:

- To explore beliefs and moral values within the Sikh religion
- To explore Sikh stories and their importance in modern life.
- To look at the story of Easter.
- To look at the significance of the Easter story to Christians today.
- To explore how the Easter story relates to Christians belief in God.
- To visit the multi-faith centre in Derby to develop respect and tolerance towards other's faiths.