

In design technology we will learn to:

- To plan, design and create a fairground ride that moves using an electrical circuit.
- Incorporate switch into product
- Confidently use number of components in circuit.
- Evaluate the quality of their design.

In English we will learn to:

- Create a non-chronological report that is clearly organised, using vocabulary specific to the topic,
- Adopting the appropriate level of formality. Using the passive form in more formal writing. Experimenting with layout and presentation of information to engage reader.
- Explore narrative poetry and create our own verse which includes the use of simile, metaphor and personification.

In geography we will learn to:

- Develop strong locational and place knowledge of the USA.
- Understanding of how this region is different from the United Kingdom.
- Understand the different environments present within the USA.
- Examine how a New York has developed over time.
- describe and understand the different types of human settlements in the USA and how different landscapes support human activity .

What will we be learning?**Year 5/6 Kingfishers
Autumn 2****In computing we will learn to:**

- Produce a Publisher leaflet advertising our UKS2 Christmas production.
- Manage and recognise online relationships and online bullying.

In music we will learn to:

- Listen to and appraise two Jazz songs: - Bacharach Anorak and Meet The Blues.
- Learn to play part of a piece and when performing solo and in an ensemble, follow direction to change tempo accurately within pieces of music

In PE we will learn to:

- Swim competently, confidently and proficiently up to a distance of at least 25 metres.
- Use a range of strokes effectively.

In RE we will learn to:

- Understand what the gospels tell us about the birth of Jesus?

In maths we will learn to:

- Use formal methods for addition and subtraction of larger numbers.
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
- multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
- divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division.

In PSHE we will learn to:

- What prejudice means.
- To differentiate between prejudice and discrimination.
- How to recognise acts of discrimination.
- Strategies to safely respond to and challenge discrimination
- How to recognise stereotypes in different contexts and the influence they have on attitudes and understanding of different groups.

In Science we will learn to:

- Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.
- Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.
- Use recognised symbols when representing a simple circuit in a diagram.