

# Lawrence Class

## Autumn 1 2023



Acorn Park

### History

Students will be learning about the four Kingdoms of England and the Viking's. Students will learn who the Viking's were, Viking dress, Viking raiders and traders, and King Edmund and his historical importance. Students will visit Abbey gardens and Bury St. Edmunds cathedral to locate King Edmund's burial site and his statue.

### Geography

Students will be learning about UK countries and cities. Students will learn about the countries that make up the UK and famous English landmarks. Students will attend a virtual field trip to learn about famous English landmarks.

### RE

Students will attend an educational visit to Norwich cathedral. Students will participate in a tour and complete different activities linking to the importance of light and prayer to different religions.

### Science

Students will be learning about forces and magnets. Students will be able to compare how things move on different surfaces and notice that some forces need contact between two objects. Students will understand that magnetic forces can act at a distance, observe how magnets attract or repel each other and attract some materials and not others, and predict whether two magnets will attract or repel each other, depending on which poles are facing.

#### Science experiments:

- Investigating friction using a toy car on different surfaces
- Seeing the magnetic field
- Magnetics at the scrapyard
- Magic magnets
- Magnetic compass

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### Maths

#### Year 1

- Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.
- Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
- Given a number, identify one more and one less.
- Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.
- Represent and use number bonds and related subtraction facts within 20.

#### Year 2

- Identify, represent and estimate numbers using different representations, including the number line.
- Recognise the place value of each digit in a two-digit number (tens, ones).
- Read and write numbers to at least 100 in numerals and in words.
- Compare and order numbers from 0 up to 100; use  $<$ ,  $>$  and  $=$  signs.
- Use place value and number facts to solve problems.
- Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
- Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.
- Solve problems with addition and subtraction by applying their increasing knowledge of mental and written methods.

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### Year 3

- Compare and order numbers up to 1000.
- Solve number problems and practical problems involving these ideas.
- Identify, represent and estimate numbers using different representations.
- Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).
- Read and write numbers up to 1000 in numerals and in words. Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.
- Add and subtract numbers mentally, including a three-digit number and hundreds.
- Add and subtract numbers mentally, including a three-digit number and ones. Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
- Add and subtract numbers mentally, including a three-digit number and tens.
- Estimate the answer to a calculation and use inverse operations to check answers.
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

### English

- Listening and answer comprehension questions linked to the book.
- Watching films linked with the theme
- Writing using colourful semantics
- Reading
- Discussing and explaining related to theme

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### Using social and leisure facilities

Students will visit Abbey gardens and Bury St. Edmunds cathedral as part of their history work on the Viking's. Students will plan the visit by identifying opening times and entry costs for each facility. Students will plan the route using google maps and identify what time we need to leave and arrive back to school. Students will consider the most suitable transport to arrive safely at the facility. During the visits, students will locate king St. Edmunds burial site and his statue that is guarded by a wolf. After the visit, students will communicate their opinions about Abbey gardens and St. Edmunds cathedral and provide reasons for their views. Students will also visit Norwich cathedral to learn about the importance of light and prayer to different religions.

### Health and safety in the workplace

Students will be learning about the Health and Safety at Work Act. Students will identify employee and employer responsibilities in accordance with the act. Students will learn about different examples of personal protective equipment, and their importance in different industries. Students will identify risks and hazards in a variety of simulated work settings, and complete risk assessments to mitigate these risks.

### Applying for a job

Students will be introduced to key vocabulary relating to jobs. Students will identify and discuss skills and personal qualities needed for a range of entry level jobs and appraise own skills and qualities. Students will provide personal details on a job application form. Students will prepare to undertake their own work experience placement in Autumn term 2.

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### Animal Care

Students will learn about the five welfare needs of animals. Students will complete a range of husbandry tasks to promote and maintain the health and wellbeing of a range of small mammals and farm livestock animals.

### PSHE

Students will learn about cultural differences and how they can cause conflict. Students will explore different types of bullying including racism, rumours, and name-calling and discuss how we can enjoy and respect other cultures.