

Bayford C of E  
Primary School



Class 2

Curriculum Newsletter  
2023 - 2024

Teacher: Mrs Welch and Miss Kavalir

## Class 2 Overview 2023-2024

	Autumn 2023	Spring 2024	Summer 2024
English	National Curriculum 2014	National Curriculum 2014	National Curriculum 2014
Maths	National Curriculum 2014	National Curriculum 2014	National Curriculum 2014
Science	Forces and Magnets Scientists and Inventors	Scientists and Inventors  Animals Including Humans: Skeletons and Muscles	Rocks, Soils and Fossils  Plants
Computing	Online safety Spreadsheets Writing for different audiences	Online safety Logo Animation	Online safety Effective search Hardware investigators
RE	Creation: What do Christians learn from the creation story?  Incarnation: What is the trinity?	Is the Cross a symbol of love, sacrifice or commitment?  What is it like to follow God?	What is it like to follow God?  Going deeper into Judaism.
History/ Geography	The Wider World (G)  Reduce, Re-use, Recycle (G)	Romans (H)  The UK and Italy (G)	Stone Age to Iron Age (H)  Map Skills and Fieldwork (G)
Art	Sculpture and Sculptors	Mosaics – Printing/ Painting  European Art and Artists	
Design & Technology	Global Food		Levers and Linkages  Edible Garden
Music	Taught by K. Neilson	Taught by K. Neilson	Taught by K. Neilson
PE	Tag Rugby  Gymnastics	Swimming	Ball skills  Netball
PSHE	Being Me in my world  Celebrating Difference	Dreams and Goals  Healthy Me	Relationships  Changing Me
French	Core Vocabulary  Classroom Commands	I can...  The Fruits	The Vegetables  The Animals

## English

Your child will read a broad range of texts, both guided and independently, exploring their varied styles, structure and uses. They will have a variety of opportunities to engage in extended writing. Clear sentence structure is taught, including all basic punctuation leading to use of paragraphs. Children will learn about and develop their use of adverbs, conjunctions and prepositions.

### **Autumn Term**

Diary Entries

Stories from other cultures

Story Settings

Free Verse Poetry

Explanation texts

Non-Chronological reports

### **Spring Term**

Legends

Haikus/Tankas

Descriptive writing

Story Writing

Instructions

Free Verse Poetry

### **Summer Term**

Discussion Writing

Story Writing

Persuasion

Free Verse Poetry

Playscripts

## Maths

Maths concepts and skills from the lower KS2 Maths curriculum are introduced and revised throughout the year, including (but not restricted to):

### Number and Place Value

- Recognising place value in 3- and 4-digit numbers
- Comparing and ordering numbers
- Count from 0 in multiples of 4, 5, 6, 7, 8, 9, 25, 50, 100 and 1000
- Count backwards through zero into negative numbers
- Round numbers to the nearest 10, 100 or 1000

### Addition & Subtraction

- Add and subtract numbers mentally
- Use formal written methods of addition and subtraction
- Estimate and use inverse operations to check answers to a calculation

### Multiplication & Division

- Develop understanding and speed recall of times tables up to 12X12
- Use knowledge of multiplication facts to answer division questions
- Use formal written methods of multiplication and division

### Fractions & Decimals

- Find unit and non-unit fractions of amounts
- Recognise and find equivalent fractions
- Add and subtract fractions with the same denominator
- Write the decimal equivalents of simple fractions
- Compare numbers with up to two decimal places

### Measurement

- Measure, compare, add and subtract: lengths, mass and volume/ capacity
- Convert between different units of measure
- Find the perimeter and area of simple 2D shapes
- Add and subtract amounts of money to give change
- Tell and write the time from digital and analogue clocks
- Convert between analogue and digital 12- and 24-hour clocks

### Geometry: Properties of Shapes

- Compare and classify 2D and 3D shapes, based on their properties
- Identify different types of angles

### Geometry: Position and Direction

- Develop understanding of coordinates and plotting points

### Statistics

- Interpret and present both discrete and continuous data using bar charts, pictograms, tables and other graphs, choosing the most appropriate type of graph or table to present the information

## Key vocabulary for Maths

You can help your child by discussing core vocabulary which will be encountered each term to help build confidence and familiarity with it.

<b><u>Counting and place value</u></b>		<b><u>Calculations</u></b>	
Digit	Predict	Add/addition	Repeated addition
Relationship	Ones	Total	Array
One hundred	Tens	Sum	Row/Column
More/less	Hundreds	Double	Divide
Approximate	Place	Half/halve	Share
Approximately	Place value	Near double	Left over
Round up/down	Represents	Subtract	Remainder
Thirds	The same as	Minus	Calculate
Tenths	Order	Take away	Method
Count up/on	Estimate	Left	Jotting
Count back	Equal parts	Fewer	Number sentence
More/less	Fraction	Difference	Sign/symbol
Tally	Penny/pence	Lots/groups of	Operation
Odd/even	Pound	Times	How much/many
Multiple	Pay/charge	Product	
Sequence		multiply	
<b><u>Measure and shape</u></b>		<b><u>Time</u></b>	
Measure	Gram	Days of the	Tomorrow
Size	Kilogram	week	Earlier/later
Scale/division	Ounce/Pounds	Months of the	Fast/slow
Enough	Scales	year	Old/new
Too much/little	Capacity	Day/Week	Hour

# **Science**

Pupils learn through short topics which bring knowledge and understanding through practical investigations. Skills learned include: asking relevant questions, using different types of scientific enquiry, setting up and carrying out enquiries and fair tests, making observations and taking accurate measurements, presenting data in a variety of ways to answer questions and explaining findings and drawing conclusions using scientific knowledge and understanding.

## **Autumn Term**

### **Forces and Magnets**

- Understand magnetism and learn about the different types of magnets.
- Understand how the earth behaves like a magnet.
- Learn about what a magnetic field is and the law of magnetic attraction.
- Compare how things move on different surfaces.

### **Scientists and Inventors**

- Identify differences, similarities or changes related to simple scientific ideas and processes.
- Learn about famous scientists throughout history that helped to shape the world that we live in now.

## **Spring Term**

### **Scientists and Inventors**

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- Learn about famous scientists throughout history that helped to shape the world that we live in now.

### **Animals Including Humans**

- Learn about the importance of nutrition for humans.
- Know how to keep healthy through diet.
- Learn about the different muscles.
- Introduction to the skeleton.
- Learn about the tendons and ligaments in a skeleton.
- Explore how skeletons and muscles are used for support, protection and movement.

## **Summer Term**

### **Rocks and Fossils**

- Learn about the different types of rock and how they are formed.
- Understand what a fossil is and how it is created.
- Describe what soils are made of.
- Observe rocks used in buildings and the local area.

### **Plants**

- Describe how plants soak up water and get nutrients from the soil.
- Describe the life cycle of a plant.
- Explain how plants make their own food.
- The parts of a plant and the process of pollination.

## Key Vocabulary for Science

You can help your child by discussing core vocabulary which will be encountered each term to help build confidence and familiarity.

<u>Continuous</u>		<u>Autumn Term</u>	
Observe Predict Theory Hypothesis Apparatus Method Fair Test Record Recording table Results Conclusion Evaluation	Identify Survey Argument Estimate Data Compare Tally Identify Scientific Measure Conditions Explanation	Forces Magnets Poles Magnetic Field Magnet Attract Repel Compass Magnetic Friction Pull Push	Inventor Invent Idea Scientist Seismology Geology Botanist Conservationist
<u>Spring Term</u>		<u>Summer Term</u>	
Inventor Invent Idea Scientist Seismology Geology Botanist Conservationist	Skeleton Muscle Bones Tendon Ligament Movement Protection	Rock Soil Fossil Metamorphic Sedimentary Igneous Weathering Mineral	Plant Stem Leaf Stamen Sepal Pollination Photosynthesis Seed Ovary Flower Tree Grow Dispersal Transpiration

# Computing

Each unit focuses on short 'tasks' to develop specific skills leading on to a creative project which is often integrated closely with other curriculum areas.

## **Autumn Term**

### Online safety

- Pupils will gain a greater understanding of the impact that sharing digital content can have, review sources of support when using technology and review their responsibility to one another in their online behaviour.

### Spreadsheets

- Pupils will explore the use of spreadsheets and learn to use formulae.

### Writing for different audiences

- Pupils will explore how font size and style can affect the impact of a text. They will also learn to use a simulated scenario to produce a news report and to write for a community campaign.

## **Spring Term**

### Online safety

- Pupils will gain a greater understanding of the impact that sharing digital content can have, review sources of support when using technology and review their responsibility to one another in their online behaviour.

### Logo

- Pupils will learn the structure of the coding language of Logo. They will also learn to input simple instructions in Logo.

### Animation

- Pupils will learn how animations are created by hand and find out how animation can be created in a similar way using the computer. They will also learn about various features of animations and create their own.

## **Summer Term**

### Online safety

- Pupils will gain a greater understanding of the impact that sharing digital content can have, review sources of support when using technology and review their responsibility to one another in their online behaviour.

### Effective search

- Pupils will learn how to locate information on the search results page and to assess whether it is reliable.

### Hardware investigators

- To understand the different parts that make up a computer.



## **Outdoor Learning & TWiGS**

At Bayford Primary School, we recognise the positive outcomes associated with Learning Outside the Classroom and believe that every young person should experience the world beyond the classroom as an essential part of their learning and personal development, whatever their age, ability or circumstances. We define learning outside the classroom as: "The use of places other than the classroom for teaching and learning." We believe that such learning often makes the most memorable education experiences and helps young people make sense of the world by linking feelings and learning, builds bridges between theory and reality, schools and communities, young people and their futures.

Where and when appropriate, lessons across the whole curriculum will be taught out of the classroom. Teachers will make use of our lovely grounds, including the Sacred Garden, playground and field as well as our local community environment.

Your child will take part in outdoor forest school style sessions with Tim from TWiGS (Teaching Within Green Spaces), one day every half-term. These sessions may involve activities linked to their curriculum learning or forest school type activities (shelter building, fire lighting, outdoor cooking etc.).

TWiGS Sessions will take place whatever the weather, so your child needs to come to school on the TWiGS days dressed appropriately. We have a number of spare waterproof and warm coats as well as some welly boots. Please speak to a class adult about borrowing these if you need to.

## Helping your child at home

### Home Learning

In Class 2, we keep all the different aspects of children's home learning together in their pink Home Learning (Homework) books apart from spellings. The children's weekly home learning comes from a choice grid given at the start of the half term. The grid includes a piece of work that is linked to our learning in class and covers all different areas of the curriculum. Children will be expected to be reading with an adult at least three times a week and for at least ten minutes. The children will also need to practice spelling and times tables. There is also a small section on daily maths opportunities (which need not take more than 1-2 minutes if you're having a busy week).

As the children's Home Learning books will need to be used every day, they should not be handed in until **Thursday**. The books will be marked, and new homework stuck in during the school day, ready for them to go home again on **Friday**. The children's weekly spelling tests will be on **Mondays** and times tables test will be on **Fridays**.

### PE

Children are to come into school in their PE kits on any PE days and stay in them for the whole day, otherwise keep them at home.

Their PE day will be a Monday this term but may change later in the year we will ensure you know about any day changes in advance. Plain blue or black track suits/sweatshirts may be worn for PE during cold periods. PE will take place whatever the weather so please ensure your child has appropriate clothing.

Swimming will be in the Spring term for both Year 3 and Year 4.

### Further Information

Please label all clothes clearly.

For more information about the curriculum taught at Bayford, please contact the school.