

Year 3: Extreme Earth

Autumn 1



Welcome to
Year 3!

We hope that everyone has had a lovely summer and the children are coming back feeling refreshed ready for their first year in Key Stage 2! We are really looking forward to starting their learning journey with them.

This year, we will be exploring the curriculum through exciting and engaging topics - starting with our topic 'Extreme Earth'. Children will learn about the human and physical features of Antarctica. They will then learn about the journey of the famous explorer Ernest Shackleton, before using their map skills to navigate their own expedition around the school grounds.

Please remember that, unless you are in receipt of free school meals, you must pay for school dinners now that your child is in KS2. Please note that fruit is not provided in Key Stage 2, your child is welcome to bring a healthy snack for playtime and they must all bring a water bottle.

If you have any questions or queries about Year 3 please feel free to contact us.

Teachers in Year 3

3S: Class teacher – Miss Rall

3P: Class teacher – Miss Box

Support staff- Mrs Sutcliffe, Mrs Hibbert, Miss Bell

Dates to remember

2nd September – School opens

6th September- Bedtime for Monsters Hook Day

25th October – School Closes

Homework

Children will also be sent home with a list of spellings for the half-term to be tested on a Friday. Reading books need to be brought into school daily and it is the children's responsibility to change these. Book bags will be checked on a Thursday and raffle tickets awarded. Library day for all children in Year 3 is Monday. Children will have the opportunity to choose and change their book then. Maths 'Learn by Heart' targets will be sent out on a biweekly rota. The children will practise these skills in class and be tested on Fridays.

PE days

Children will need to come to school in their PE kits on **Tuesdays** and **Thursdays**. This MUST be the Sandal PE kit, consisting of their house PE t-shirt, black shorts or joggers and a black hoodie. Please ensure all items of clothing are clearly named.

Outdoor Learning dates

3P- 12th September, 3rd October

3S- 11th September, 2nd October

Personal Development

Our whole school themes this term are our Root of Learning "Daring to be Different" and the British Value of Tolerance.

PSHE: Our PSHE theme for this half term is 'Being in my World'. The children will be learning to recognise the importance of self-worth, how to face challenges and how our actions and choices can have an impact on others. They will be focussing on working collaboratively, encouraging others and developing an understanding of team work and negotiation. Over the half term, they will have lots of opportunities to develop these skills not only in our PSHE lessons but across the curriculum.

PE:

We will be starting the year with Football which will explore and apply the principles of attack and defence leading to keeping possession and playing a modified game. In gymnastics, children will explore movements and balances in symmetrical and asymmetrical ways.

Our World

Geography: As part of our 'Extreme Earth' topic, Year 3 will be answering the key question "Who lives in Antarctica?" They will describe the location and identify the human and physical features of the frozen continent! They will explore what climate is by understanding the position and significance of the lines of latitude. Towards the end of this topic, Children will learn about Shackleton's route to Antarctica before planning their own expedition around school using a map and compass points.



RE: The key question that we will explore during this half term is: How do Jews remember God's covenant with Abraham and Moses? The children will also learn about the Torah, the Jewish sacred text, and deepen their understanding of The Ten Commandments.

STEM

Science: Our first science topic in Year 3 is light and shadows. By the end of the topic, the children will understand how light enables us to see; how it can be reflected; how shadows are formed and that light from the sun can damage our eyes. The children will continue to develop their investigation and enquiry skills throughout this journey by planning and carrying out their own investigations and presenting their results.



Computing: The focus for computing is E-safety where the children will begin to learn about implications of sharing personal information online. We will then be looking at the effects of online bullying.

Maths: This half term, the children will begin working with numbers to 1000. They will be able to partition, order and compare 3 digit numbers. When they have a secure knowledge of place value of numbers to 1000, we will move onto addition and subtraction. This will include mental recall of common addition facts and they will be taught the formal written methods for addition and subtraction of three digit numbers.

Language and Communication

Speaking: Throughout the curriculum, speaking will be encouraged through role play, debates and sharing news with the class. Towards the end of the half term, the children will learn and perform the simile Poem 'Leap like a Leopard' by John Foster before writing and sharing their own simile poetry.

Writing: Our focussed text for this half term 'Orion and the Dark'. The children will be using the story as inspiration to write their own diaries from the point of view of the characters in the story. The children will focus on ambitious descriptions and refining vocabulary.

Reading: The children will be reading a range of different texts including; fiction, non-fiction and poetry. They will be covering the following skills: Vocabulary, Inference, Predict, Explain, Retrieval and Summarise.

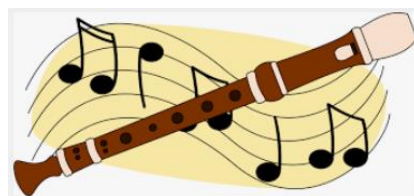
Spelling: During spelling lessons the children will be recapping the rules for adding a range of suffixes to the root word. In addition, we will be continuing to learn the Year 3 / 4 common exception words. Attached are the common exception words that we will be focussing on this half-term.

Spanish: In Key Stage 2, the children get the exciting opportunity to begin learning a Modern Foreign Language! Our first objectives will be learning common greetings, classroom instructions and numbers 1-20.

The Arts

Art: Our first art topic focuses on the children developing their sketching skills. They will be analysing and evaluating sketches by a range of artists and investigating how to make their sketches more realistic through the use of hatching, cross hatching and the use of tone. The children will then apply their skills to create a sketch of Mount Snowdon.

Music: All the learning this half term will be focused around the theme of 'India'. Children will be learning a range of traditional songs and using a variety of instruments to accompany them. 3S will also start to learn to play the recorder! 3P will start learning next half term.



Objective & Strategy	Concrete	Pictorial	Abstract
<p>Column Addition—no regrouping (friendly numbers)</p> <p>Add two or three 2 or 3-digit numbers.</p>	<p>Model using Dienes or Numicon</p> <p>Add together the ones first, then the tens.</p> <p>Move to using place value counters</p>	<p>Children move to drawing the counters using a tens and one frame.</p>	$\begin{array}{r} 223 \\ + 114 \\ \hline 337 \end{array}$ <p>Add the ones first, then the tens, then the hundreds.</p>
<p>Column Addition with regrouping.</p>	<p>Exchange ten ones for a ten. Model using Numicon and pv counters.</p>	<p>Children can draw a representation of the grid to further support their understanding, carrying the ten <u>underneath</u> the line</p>	$\begin{array}{r} 20 + 5 \\ 40 + 8 \\ 60 + 13 = 73 \end{array}$ <p>Start by partitioning the numbers before formal column to show the exchange.</p> $\begin{array}{r} 536 \\ + 85 \\ \hline 621 \\ 11 \end{array}$

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Y3 ADDITION

Objective & Strategy	Concrete	Pictorial	Abstract
<p>Column subtraction without regrouping (friendly numbers)</p>	<p>Use base 10 or Numicon to model</p>	<p>Draw representations to support understanding</p>	$47 - 24 = 23$ $\begin{array}{r} 40 + 7 \\ - 20 + 4 \\ \hline 20 + 3 \end{array}$ <p>Intermediate step may be needed to lead to clear subtraction understanding.</p>
<p>Column subtraction with regrouping</p>	<p>Begin with base 10 or Numicon. Move to pv counters, modelling the exchange of a ten into ten ones. Use the phrase 'take and make' for exchange.</p>	<p>Children may draw base ten or PV counters and cross off.</p>	<p>Begin by partitioning into pv columns</p> $836 - 254 = 582$ <p>Then move to formal method.</p> $\begin{array}{r} 836 \\ - 254 \\ \hline 582 \end{array}$

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Y3 SUBTRACTION

These are the Year 3 Spellings for the year, broken down into the 6 half term blocks.

This half term we are working on the highlighted list

Year 3	actual learn group heard arrive circle often build extreme	eight caught heart breath busy early island earth	continue decide centre century minute consider enough history February	perhaps address guard material recent guide forward fruit famous	though notice quarter length library describe mention answer appear	actually certain height imagine increase interest important difficult
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Each week, the children will be provided with a list of spellings that they will be tested on. The spellings above for this half term will be incorporated within that list. Children are encouraged to access their spellings on Spelling Shed and practise these as often as possible.