

Curriculum Overview for Parents and Carers

Year 3

Autumn Term

This term we will be learning the following things. Here are some useful hints and tips for helping at home!

Overview of Learning

Ideas for Learning at Home

English



To start the year, we'll explore Grammarsaurus to investigate The Place Value of Punctuation and Grammar, where children will learn to master essential grammar skills which will provide a solid foundation for effective writing. We will then move on to explore the wonderful book, The Tear Thief, and will write her character profile and also a diary entry about an unexpected meeting with her.

After the half term, we will read Stone Age Boy by Satoshi Kitamura, the story of a young boy who trips over one day and falls into a world that existed 20,000 years ago. He makes friends with a young girl and is welcomed into her family camp where he learns how to make fire, make tools, hunt, cook and prepare animal skins - all with implements made of wood, stone and bone. He then finds some amazing cave paintings, meets a ferocious bear....and falls back into the twenty first century!

The children will write multi-step instructions about how to wash a prehistoric animal (!). They will rewrite an episode of Stone Age Boy and will write a short non-chronological report linked with an area of The Stone Age for an older audience.

We will explore a range of texts in our whole class reading lessons that also link to other curriculum subjects such as History, Science and Art.

Our class novels this term will be The Boy who Grew Dragons and Around the World in Eighty Days.

Please make sure your child practises their weekly spellings at home ready for Friday's spelling bee. They will be awarded stamps if there is evidence in their homework book of practice. They will also receive an STS if their score improves from the previous week or if they get full marks.

Maths



Place Value

Represent and partition numbers up to 1000. Know the value of digits up to 1000. Use a number line to represent numbers up to 1000. Know 1, 10 and 100 more and less than numbers to 1000. Compare and order numbers to 1000.

Addition and Subtraction

Add and subtract numbers mentally, including a 3-digit number and ones, a 3-digit number and tens and a 3-digit number and hundreds. Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction (expanded method and compact method). Approximation and inverse operations to check answers.

Statistics

Interpret and draw pictograms and bar charts. Investigate two-way tables and be able to answer questions about them.

Length and Perimeter

Measure in m, cm and mm. Know equivalent lengths and be able to compare lengths. Add and subtract lengths. Know what perimeter is and how to measure and calculate perimeter.

Mass and Capacity

Use scales to measure mass. Recognise equivalence in mass and be able to compare mass. Add and subtract mass. Measure capacity and volume. Recognise equivalence in capacity and volume and be able to compare capacity and volume. Add and subtract capacity and volume.

Problem Solving

This term, the children will investigate logic problems, questions with more than one possibility, problems linked with real-life world, trials and improvements, working systematically and open-ended problems.

Can your child spot numbers in their local environment? Can they tell you facts about the numbers? Can they represent numbers in different ways?

Encourage your child to practise their times tables at home as this will significantly benefit their learning in various areas of Maths. Remember your child has a Times Tables Rock Stars account that they can access at home.

Login details for TTRS can be found in your child's reading record.

Science



Bodies and Movement

The children will learn that skeletons and muscles are used for movement, support and protection and will find out the scientific names of some of the main bones and muscles in the human body. They will also discover that different types of animals have different types of skeleton or no skeleton at all! They will learn that animals, including humans, cannot survive without eating because food provides them with energy for survival and growth in the form of nutrients.

Nutrition

The children will find out more about what constitutes a healthy balanced diet and about the main food groups and how our bodies use the nutrients different food groups provide.






Rocks

The children will compare & group together different types of rocks on the basis of their simple physical properties. The children will then use their knowledge to test rocks in order to find out which rock is the hardest, which rocks sink and which float and also which react with acid.

Next time you go shopping, can your child tell you which food groups each item in your shopping trolley belongs to? Can they find out the nutrients that different types of foods contain?

Encourage your child to think about their own diet and how they can ensure they have a balanced diet. Discuss why having a balanced diet is important in order to keep us healthy.

On a walk around the local area, can your child identify rock types they have learnt about? Can they identify why certain types of rocks are used for different purposes?

<p>History</p> 	<p>We will explore the question ‘How did Britain change during prehistory?’. The children will learn about life and changes in Britain from the Stone Age to the Iron Age and will consider how we know about a historical period without written sources. We will research what it might have been like to live in Britain during this time.</p>	<p>Why not go to the library to borrow some books about the Stone Age or do some online research together?</p> <p>Perhaps you could have a competition to see who can build the best model of Stone Henge out of Lego, old packaging or even biscuits!</p>
<p>Geography</p> 	<p>The children will be exploring their town, Darlington. They will understand exactly where it is within England, that it is an urban area and that it consists of different areas – commercial, recreational, public, industrial and residential. They will conduct fieldwork during our walk around the town and will understand how Darlington has developed from a small market town.</p>	<p>Can you look at some maps together to locate Darlington within England? You could play games using an A-Z map. Can your child find the name of the main shopping street that runs through Darlington or the train station? Can they recognise any of the different symbols?</p>
<p>Art & Design</p> 	<p><u>Drawing: Portraits</u> In Art this term, we will be practising our drawing skills through our ‘Self-Portraits’ unit. Our focus artists are Leonardo da Vinci, Frida Kahlo and Edgar Degas. We will learn about the composition of a face, using the grid method to help place features in the correct place and learning how to draw specific features. Through this topic, we will learn about different types of pencils, learning when best to use H pencils and B pencils. We will develop our shading skills, learning how to hatch and cross-hatch to show areas of light and dark. Our final piece will be a self-portrait using different media, including the different pencils we have learnt how to use.</p>	<p>Have a go at drawing faces or features of faces at home, looking in the mirror or drawing from a photograph.</p> <p>Why not find out more about Frida Kahlo on the BBC Bitesize website? Who was Frida Kahlo? KS2 Primary - BBC Bitesize</p>
<p>Design & Technology</p> 	<p><u>Sewing: Decorations</u> The children will start this topic by investigating the properties of a product, how it is made and what it is for. They will learn about different materials fabric can be made from and the different processes by which it can be made, including how felt is made. The children will then design their own decoration first developing their own design criteria, considering the user, purpose/function and aesthetic appeal of their product. They will then practise the stitches (running stitch/backstitch) that they will use to make their decorations and learn skills such as threading a needle, tying a knot and tying off. Once the children have made their final product using the skills they have learnt, they will then look at, use and evaluate their final product.</p>	<p>We would encourage the children to look at different decorations they have at home prior to starting our topic. Ask them to think about how it is made and what its purpose/function is.</p> <p>Following our topic, the children might like to use their new skills and creativity to continue making at home!</p>
<p>RE</p> 	<p>We will be exploring Hinduism under the enquiry question, ‘Does visiting the Ganges make a person a better Hindu?’ Within this question, we will learn about the importance of water in our lives.</p> <p>We will then examine the question, ‘Has Christmas lost its true meaning?’.</p>	<p>Why not have a look at BBC’s Bitesize on Hinduism? There are videos of Hindu children talking about their lives and also videos of the pilgrimage to the Ganges.</p> <p>Why not talk to your child about what Christmas means to your family?</p>

PE



Rounders

In this topic, the children will be able to play simple rounders games applying some rules to games and develop and use simple rounders skills. Some of the skills they will learn are: the best body position to field a ball, bowling with consistency, hitting a moving ball, stopping a moving ball and throwing longer distances.

Football

In this topic, the children will be able to show basic control skills including sending the ball with some accuracy to maintain possession and build attacking play whilst implementation the basic rules of football.

Dance

In this topic, the children will practise and put together a performance. They will perform using facial expressions and with a prop. They will learn to perform a jazz square, how to develop movements using improvisation and take on the role of director to help others improve their dance.

Tag Rugby

In this topic, the children will learn to handle a rugby ball with confidence. They will learn how to evade attackers using footwork and body control and link skills to perform as a team in attack. They will use basic game principles of tag rugby and will play within simpler rules.

Please ensure that your child remembers to bring their water bottle every Wednesday. We will be outside in all weathers (within reason) so warm tracksuit, waterproof, hat and gloves are also needed as we head into winter. Piercings must be removed or covered up before coming into school.

Why not have a look at some of the NHS's recommended ideas for keeping active at home?

[Free indoor activities for kids – Healthier Families - NHS \(www.nhs.uk\)](https://www.nhs.uk)

PSHE



What are the rules to keep us safe?

In this topic, we explore health and safety rules at school and near transport. We also look at how to stop bacteria and viruses from spreading. We talk about who children can go to if they feel unsafe and we explore the difference between safe and unsafe secrets.

When do we set appropriate boundaries in friendships?

In this topic, we explore the importance of respecting an individual's personal space. We examine the difference between a safe touch, an unsafe touch and an unwanted touch.

When you're out and about, reinforce rules around road safety, encouraging the children to talk to you about what they have learnt. Show them how to look out for trusted people they can talk to, such as pointing out where they would go in a supermarket if they got lost.

Music



This term will be focused on singing. The children will learn to sing back simple melodies that are heard and sing songs and folk rounds whilst accompanied by ostinatos from the group.

Can your child listen to different types of music and express their opinions? Can they join in and sing along to a range of songs?

Computing



Online Safety

What does identity mean online?

The children will learn that identity is who we are or our qualities that make us different or unique to others. They will explore what identify means online. They will learn what they need to think about when creating usernames to ensure their personal information is not shared. The children will also think about how they can have a positive online reputation, thinking carefully about what they say, write and post online.

What is appropriate behaviour online?

The children will explore what positive internet behaviours look like. They will learn what Cyberbullying is and why this is unkind behaviour. They will also learn what to do if someone is being unkind online or if they see something suspicious or strange or if anything makes them feel uncomfortable.

Coding

In this topic, the children will learn what a flowchart is and how flowcharts are used within computer programming. They will learn that there are different types of timers and how will practise selecting the right type of timer for a particular purpose. They will learn how to use the repeat command and also the importance of nesting when coding. To end this topic, the children will design and make their own interactive scene using the skills they have learnt.

Spreadsheets

In this unit, the children will use 2Calculate to collect data and produce a variety of graphs. They will use the advanced mode of 2Calculate to learn about cell references and use the formula wizard and the formula bar to write formulae. The children will use the tools within 2Calculate to explore number and finally, they will create a computational model using a spreadsheet.

Key Skills

The children will learn key skills including creating and naming new folders, printing their work using a drop down menu and how to highlight and select text in order to change the font style, size and colour or change to bold or underline.

Talk to your child about what they go on when they are online. Encourage your child to be safe when online. Use apps that support their learning. There are lots of amazing free apps and websites!

Children can also access Purple Mash at home using their school log ins. They are welcome to explore apps within Purple Mash that we have explored in our lessons!

Login details for Purple Mash can be found in your child's reading record.

French



This term, the children will begin to learn French. We will focus on the correct pronunciation of the letters of the French alphabet and will introduce the class to different digraphs and the sounds they make. There will be lots of focus on speaking and listening to start with and we will build up reading and writing skills. Mrs Simpson is a French speaker so will find lots of opportunities to use French with the children throughout the day.

Encourage your child to share some of the words they have learnt with you at home. Perhaps they could say au revoir and bonjour to you as they set off for and arrive home from school.



Duolingo is a fantastic free language learning app your children could use if you have a device at home or BBC Bitesize has excellent games, activities and videos to watch.

Trips, Experiences and Enrichment



- Walk around Darlington (Geography)
- Visit to Preston Park (Enrichment)
- Stone Age – Land of Iron (History)
- Whole School Pantomime

Within school we have 6 values: **Kindness, Respect, Resilience, Fairness, Teamwork** and **Ambition**.
These are interwoven through our curriculum and everyday practice.