

Autumn Term Overview

Tutor Group: 7L

Subject and Teacher	Subject Overview	How you can help at home	Subject specific key words to practise with your child
English Miss King	This term the class will be reading the novel, <i>Stich Head</i> . We will be focusing on strategies to understand meaning, such as predicting what will happen, exploring the images for inferred meaning, exploring genre, visualising details from the book and empathising. We will also aim to identify the writer's main points, to identify different opinions in the text and how these link together and are sequenced. In addition, we will be using our inference skills to work things out from clues and the many images that help to propel the storytelling in the text. Our homework will be reading a book of our own choice and learning our spellings.	You can support this at home with pre-reading, or rereading, and discussion. The book is one of a series so you may wish to take your child to the library to explore the other books of the series. You could read a book of their choice with them and ask them questions about what they think about the characters and the plot. Stich Head has been adapted into a film, so you might want to look out for this when it is released in late October, and as a treat go to the cinema!	Freak Circus Monster Contortion Friendship Isolation Acceptance Loyalty Emotive Inference
Maths Ms Tyler	This term, pupils will be working on numbers and the number system alongside geometry. In number they will review place value ensuring they can identify the value of each digit in up to four-digit numbers (thousands, hundreds, tens, and ones). They will read and write numbers up to 100/1000 and beyond in numerals and in words. They will also explore representing and estimating numbers on a variety of number lines. They will compare the value of numbers explaining if they are more/less than or equal to another number or numbers. They will represent numbers in different ways using partitioning. They will also learn to identify, represent and estimate numbers using different representations. They will practice solving number problems and practical problems. During geometry lessons pupils will focus on visualising and constructing, where we will be working on 2d and 3d shapes. Naming shapes, identifying and exploring the properties of these shapes, including terms such as symmetry, perpendicular, and parallel. We will end each week with a lesson on tables times, using our tables knowledge to solve word problems.	Read the numbers around you. Discuss the numbers. Are they odd or even? Ask what the value of each digit in the number is? Practice reading large numbers both in numerals and words. Use online resources and games to help consolidate learning. https://www.bbc.co.uk/bitesize/topics/zc3d7ty	place value one digit two-digit numbers, ones tens hundreds number line symmetry parallel

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Science Mrs Matalu	This term our topic is cells, organs and systems. Pupils will learn to identify a range of specialist cells and what their functions are. They will learn about the function of the nucleus, cell membrane and cytoplasm in cells. They will learn the names of the bones that protect our internal organs, as well as the organs they protect and be able to describe the job of the circulatory system. Finally, pupils will learn about the functions of the main organs of the digestive system and the names and functions of the different types of human teeth. After term, our topic will be energy changes and resources. During this unit, pupils will learn to identify the starting and final energy stores in an energy transfer and describe how temperature affects the movement of particles in solids, liquids and gases. They will learn how heat can be transferred using conduction, convection and radiation and how to identify which appliance is most efficient based on energy wasted and the power rating. They will learn about the advantages and disadvantages of renewable and non-renewable energy sources and describe how wind, solar and hydroelectric power sources generate electricity.	You can help your child by using BBC Bitesize resources about the human body for the first half-term: An introduction to the major organs of the human body - Body systems: Video playlist - BBC Bitesize For the second half term, you can check out the BBC Bitesize website here for information and activities about renewable and non-renewable energy sources: Explore fossil fuels and renewable energy - BBC Bitesize	Cells Tissues Organs Systems Nucleus Conduction Convection Radiation Renewable Non-renewable
Art Miss Price	During terms 1 and 2, pupils will focus on the work of Vincent Van Gogh. Pupils will use their sketchbooks to develop their ideas and study the painting <i>Starry Night</i> in detail. They will experiment with a variety of mediums, including pencil, ink, collage, and thick acrylic paint. Towards the end of this project, pupils will complete a mixed media collage section of <i>Starry Night</i>, and everyone's work will be incorporated into a large-scale collaborative collage of the painting.	If possible, please look at these websites with your child for lots of information and activities about Van Gogh. Tate Kids Who is Vincent van Gogh? Tate Kids Where is The Starry Night? - Van Gogh Museum	Van Gogh Starry Night Collage Impasto Brush strokes Lines Colour

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DT Mr Antonious	This term we will be focusing on textiles and pupils will be designing and making their own 'Misfit doll' based on the Ugly Dolls film. They will explore different materials, evaluate examples of Misfit dolls that have been made previously and create a mood board of their ideas. Pupils will then try out different techniques, such as applique, fabric pens, adding buttons, and different types of stitches, before creating a final design. After half-term they will put their learning into practise to make their own Misfit doll to take home. They will then evaluate their work by saying what they like about it and what could be improved.	Look together at any cuddly toys you have at home. Talk about how they have been made? Are their decorations, has sewing been used? If you are able, it would be great if you could do some simple sewing with your child at home. Maybe they could put a few stitches on a piece of fabric to make a bookmark.	Fabric Design Sewing Stitches Evaluate
PE Mr Altman & Mr Stinton	In term 1, the pupils will focus on developing their multiskills. They will have the chance to work on their throwing, catching, hitting and striking skills and apply these into game scenarios. This is to help prepare them for a wide range of sports and activities that we will do at Alderman Knight. Next term we are focusing on health-related fitness and wellbeing. We will look towards improving our fitness through circuit training activities. We will learn many different exercises we can complete. These include free-weight exercises, bodyweight exercises and cardio related exercises. We will complete fitness tests in the first few lessons so we can discover how their fitness has improved at the end of the term. Throughout the term, we will be discussing ways of improving our wellbeing which can be completed alongside exercise. Discussions around healthy eating, drinking the daily minimum amount of water, how much sleep we require at different ages and how it impacts us the next day. This all with the aim to develop pupils understanding around how to lead a healthy, active, lifestyle.	Term 1 support: Practice throwing and catching with your child, allow the ball to bounce to begin and then try to increase the distance to make the activity harder. To help your child you can: Complete YouTube videos based around exercise tutorials, such as the Joe Wicks morning workout series or the Cosmic Kids Yoga series. Watch YouTube Videos on different non-equipment exercises such as the following: 1. Squat 2. Press-Ups 3. Sit-Ups	Exercise Fitness Co-ordination Balance Movement Cardio Muscles Healthy Unhealthy

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History Mrs Petrie	This term, pupils will be developing their historical skills to help them think and work like real historians. We will focus on chronology, learning how we order time and the difference between AD and BC. Pupils will then explore the Stone Age, looking closely at the three main periods – the Palaeolithic, Mesolithic, and Neolithic – and comparing how life changed over time. A key part of our study will be the Neolithic Revolution, where we will analyse both the short-term and long-term effects of humans moving from hunting and gathering to farming and settlement.	Talk about timelines – for example, place family events or famous historical events in order. Encourage use of key words at home and ask pupils to explain what they mean. Watch age-appropriate documentaries or visit websites about the Stone Age together. Visit local museums or historical sites if possible, to bring the past to life.	Chronology Anachronism Significant Palaeolithic Mesolithic Neolithic
Geography Mrs Mitchell-Dyer	This term, we will explore how to think like a geographer, focusing on both the world around us and the global environment. We'll investigate key aspects of human and physical geography, starting with our local surroundings and gradually expanding to the wider world. We'll also develop essential geographical skills by learning how to read maps and use an atlas effectively. Additionally, we will explore the continents, identify major countries, and become familiar with the world's oceans.	Please engage in conversations with your child should you see any news-worthy stories on weather, climate, volcanoes, earthquakes or any topics related to continents. BBC Bitesize is very useful for Geography content.	Continents Countries Oceans Atlas Globe Map Directions Coordinates

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Food Studies Ms Tyler	This term, pupils will be Mastering the Basics of cooking, focusing on kitchen safety, hygiene, and essential preparation skills. They'll develop confidence in using knives correctly, learning techniques such as the bridge hold and claw grip, while safely peeling and chopping a range of ingredients. Pupils will explore the importance of balanced meals through the Eatwell Guide, understanding portion sizes, food groups, and how to make healthy choices in everyday meals. As we move into Autumn 2, the focus shifts to Seasonal Christmas Baking. Pupils will apply their knowledge of baking techniques like mixing, rolling, and shaping, while also considering how sugar, fat, and spices influence flavour and texture. We'll explore how food can reflect tradition and celebration, encouraging creativity in presentation and precision in baking. From sweet treats to savoury bakes, pupils will practise oven safety and portioning while developing an awareness of healthier ingredient swaps. Across the term, pupils will complete the following practical's: fruit salad, sandwich making, mozzarella & tomato bagel pizzas, pepperoni pizza pockets, cinnamon apple & cranberry flapjacks, gingerbread people, turkey & cranberry flatbread pizzas, vanilla crinkle cookies, Christmas sprinkle cookie bars, and roast potatoes. Each recipe offers a valuable opportunity to refine key skills while building an appreciation for seasonal ingredients and festive cooking.	Any cooking or baking experiences at home will be beneficial. Recipe sheets will be sent home, so the recipes made at school can be repeated. Please encourage pupils to get involved in food preparation and discussions around food, food groups and balanced diets.	Baking Bridge hold Chopping Claw grip Decorating Eatwell Guide Even bake Food hygiene Food safety Knife safety

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Computing Mr Robinson	Pupils will start this term by refreshing some basic IT skills. This will include finding different applications on the computers, organising their work into folders properly and creating simple presentations. They will learn about online safety using the 'SMART' rules, practise internet searching, and explore using spreadsheets and presentations. Towards the end of term year 7 can look forward to using Kodu, where they can program their own characters to build their own games!	Children could be asked how they can use the tips they have learnt at school to stay safe online while at home. Year 7 will learn about the 'SMART' rules.	SMART Internet safety Folder PowerPoint Spreadsheet Search
Music Mrs Lea	This term in Music we will be playing a variety of drums and learning about the different elements that go into making a piece of music. Pupils will learn about different cultures and their music as well as learning to play a variety of rhythmic pieces. They will then have the opportunity to build these skills into a final piece.	Please encourage your child to listen to a wide variety of music at home and discuss their preferences	Rhythm Texture Pulse Djembe Call and response
PSD Mrs Lea	This term our PSD topic will focus on healthy lifestyles, and we will be beginning with healthy eating taking care of both our mental and physical health (including teeth, exercise, food groups, etc.) and experiencing activities that can help us to improve these. After half-term, we will have Parliament week before we start exploring the topic of self-awareness. We will cover things we are good at, kind and unkind behaviours, how tone can be misheard, playing and working together, people who are special to us, and getting on with others.	Ask your child what they have been learning about in PSD and encourage them to put these healthy lifestyle strategies in place at home e.g. brushing teeth twice a day, sleep routines, eating a balanced diet and getting some exercise.	Healthy Unhealthy Hygiene Exercise Emotions Food groups

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R&W Miss Jackson	For the autumn term, we have begun our year by looking at the importance of learning about religion and worldviews in an inclusive, respectful and empathetic way. We will then help pupils to make sense of belief by beginning with Christian lens. We will explore the impact of Christian beliefs on lifestyles and values. We will investigate how Christians perceive Jesus as King and use the parables to understand the impact of Christian teaching on every-day life. We will also explore biblical texts to make connections between the belief in the kingdom of God and the way Christians try to follow the 'advice for life' in the parables. R&W lessons will always provide an opportunity to consider a range of religious and worldviews and in this unit that will include an opportunity to reflect on the diversity of British views and faiths and their impact on British values.	You can help your child at home by asking about the stories and beliefs they are learning about in class and by encouraging them to value the diversity of belief in our society. With your support, they will soon be able to name the main worldviews and religions in the UK. BBC bitesize is a lovely resource for going into a little more depth at home and there are some lovely, age-appropriate videos, like this one, on Christianity Facts about Christianity – KS3 Religious Studies – BBC Bitesize - BBC Bitesize .	Words: Belief Jesus King Nativity Reign Servant Disciples
Drama Miss Price	During terms 1 and 2, pupils will firstly be taking part in a range of drama games and activities designed for them to learn and develop key drama skills. Once pupils are familiar with some of the practical elements in drama, they will be learning about puppets and puppetry, while continuing to learn and develop their key drama skills. Pupils will explore a range of different types of puppets and puppetry techniques, and act out plays, short stories and poems using various types of puppets such as hand puppets, marionettes, shadow puppets, finger puppets and stick puppets. Pupils will also learn about the types of puppets used in theatre and TV shows such as "The Lion King" and "The Muppets."	Encourage pupils to watch clips of different puppet TV programmes (for example, "The Muppets," "Sesame Street" and "Sooty") and say what they liked about the different puppet characters.	Puppets Puppeteer Hand puppets Shadow puppets Finger puppets Stick puppets Miming Acting Perform Stage

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Outdoor Learning Mrs Barlow	This term, pupils will explore the life cycles of common garden insects, creating illustrated diagrams with notes to show their understanding. They will also investigate why birds may need extra support during the colder months. As part of this, pupils will research bird diets and design their own bird feeders, before deciding on the most suitable locations to place them. Alongside this, we will discuss how connecting with nature can support our own wellbeing. For example, watching birds from a window can bring a sense of calm, happiness, and closeness to the natural world. Year 7 pupils will also make use of George's Farm, the Forest School, and the Sensory Garden during their sessions. They will practise using specific tools to help care for these areas, while learning the importance of safe and responsible practice.	To extend learning at home, there are a number of free apps and activities that encourage children to engage with nature. The Royal Society for the Protection of Birds (RSPB), one of the organisations we work with to share data, offers excellent resources: www.rspb.org.uk. You can also support your child by encouraging them to spend a few minutes each day observing nature—whether looking out of a window, exploring a local park, or investigating what's hiding beneath leaves and stones. Taking photos with a phone app such as Google Lens or the iPhone equivalent can make this an interactive and exciting experience.	Habitat Feather Bird feeder Garden Plant Larva Insect Nocturnal Hibernation Sustainable