

Autumn Term Overview

Tutor Group: 7B

Subject and Teacher	Subject Overview	How you can help at home	Subject specific key words to practise with your child
English Mrs Kelley & Miss King	This term the class will be reading the novel, Stich Head. 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

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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 Mr Stinton	During term 1, pupils are learning about cells, organs and systems. Pupils will learn the functions of the main parts of a cell. They will learn about the skeleton and about which organs are protected by different bones. We will also learn about the job of the circulatory system and the roles of the different parts of the digestive system, including teeth. We will also be looking at cells under the microscope, with pupils getting the chance to complete experiments using the microscopes. Next term, pupils will learn all about Energy. We will cover different topics including different energy stores and how energy can be transferred from one store to another. They will learn about how temperature affects the movement of particles in solids, liquids and gases. We will look at energy ratings on appliances to work out which is the most efficient and learn about renewable and non-renewable energy sources.	You can help your child by using BBC Bitesize resources about the human body for the first half-term: https://www.bbc.co.uk/bitesize/clips/z7kq7nb For the second half term, you can check out the BBC Bitesize website Explore fossil fuels and renewable energy - BBC Bitesize for information and activities about renewable and non-renewable energy sources.	Nucleus Cell membrane Cytoplasm Tissue Organs Energy Solid Liquid Gas 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 Miss Jackson	This term pupils will begin by learning how we keep ourselves and our peers safe in the design technology room. They will be looking at what constitutes as a hazard and associating rules for the workshop. During the first part of the term, they will be able to recognise some of the machinery and new tools that we will be using for the year. Their first project within this term will be "Misfit dolls". The pupils will be learning how to understand how to unpick a design brief to develop a project. They will be supported in researching materials and application methods, design, make and evaluate. They will design their own unique fabric dolls. They will learn a range of skills; fabric pen, hand sewing, tie dye and applique. They will use these skills to decorate and create their own felt dolls they have designed.	Parents can support their child by looking and encouraging them to look at and feel different items made from fabrics. Watching/ practicing with an iron would also help them as they learn how these can be used to remove creases/ wrinkles from material. This can be within your home and when out and about. Ask them to examine how they are decorated and how they are constructed.	Design Technology Hazard Safety Moodboard Design Textiles Tie Dye Running stitch Sewing Applique

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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 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 Altman	Our computing work will focus on learning how to use the computer equipment effectively and safely. Pupils will also prepare their own document entitled 'All About Me' to briefly describe their hobbies and interests and use Microsoft packages to complete a presentation. There will also be a focus on computing skills, literacy and the safe use of the internet including internet safety.	If pupils have access, it would be useful if they can practice using Microsoft packages like Word, PowerPoint and Excel. Recommended tasks could be to use Word to complete some lists (perhaps a shopping list).	Microsoft Word PowerPoint Excel Online Safety Internet Google
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

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PSD Mrs Davies & Mr Smith	To start this academic year, in terms 1 and 2, we will be covering Healthy Lifestyles. Following some sessions on setting expectations and getting to know each other, we will begin exploring the Five Ways to Wellbeing, doing separate activities and occasional practical sessions for each of the five ways: Connect, Be Active, Keep Learning, Take Notice and Give. We will then explore how we can achieve a healthy lifestyles along the themes of physical, mental and social health. This will also incorporate dental health, physical activity and the basics of a healthy diet. Mental health, wellbeing and ways we can help ourselves if we are feeling worried will underpin many PSD areas, particularly this first unit. After half-term, our topic will be Self-Awareness. We will focus on identifying what we are good at and can do well as well as what things we enjoy and those attributes that make us special and unique. We will cover aspects of how to respect others and treat everyone equally and then learn about what we can do if people are unkind to us. We will also focus on UK Parliament Week (24th – 30th November), when we will learn more about democracy, who our local MP is, and how they can help us with common issues and concerns.	Please encourage your child to consider how they can implement healthier alternatives and/or healthy routines at home. Some ideas could be spending less time on a screen in the evening or weekend, incorporating a healthy snack into their daily diet, meeting with friends to develop their social health or doing a mindfulness session. Ask your child to consider things that they are good at and enjoy and encourage them to reflect on an aspect of their life or a skill that they have improved recently. Encourage them to list skills that they have developed in the last couple of years and try to get them to share examples with you. If you get the opportunity, then ask them to research who their local MP is and what the current issues are around the area you live.	Physical activity Mental Wellbeing Mindfulness Exercise Dental health Diet Relaxation Skills and attributes Kindness Respect Kind/unkind Democracy Politics

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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.	Spend a few minutes each day looking out of the window with your child to see what birds or insects you can spot. Go on a short walk in the garden or park—look under leaves or stones to see what's hiding! Use apps such as Google Lens or the iPhone photo search tool to identify what you find. Explore the free activities from the RSPB: www.rspb.org.uk.	Habitat Feather Bird feeder Garden Plant Larva Insect Nocturnal Hibernation Sustainable