

Y7: The Big Picture: What are we learning about?

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	Students are introduced to sequences, using algebraic notation and equality & equivalence. During these topics, students will delve into the world of algebra and how it is used in Maths and everyday life.	Students encounter place value, ordering integers and ordering decimals. The students will also be looking at fractions, decimals & percentage equivalence.	Students will be looking at solving word problems by using addition, subtraction, multiplication and division. As well as these, students will cover methods of how to solve fractions and percentages of amounts	As part of this topic, students will learn the fundamentals of adding and subtracting fractions. The students also look at construction and measuring using geometric notation	Students will understand how to develop number sense and work with sets and probability, this is the topic of looking at data and analysing which is used across a broad range of subjects at our school	Students will look at prime numbers and mathematical proof which delves into the understanding of factors and multiples of numbers. Students at this point will look over previous work in time for end of year tests.
English	Students study a book in its entirety. Engaging with reading for pleasure, narrative structure and language techniques. Opportunities for creative writing in response to the reading.	Continued study towards completion of Percy Jackson; exploring techniques and foundations of literature. They will understand the novel form.	Students follow an introduction to poetry with poems that increase in complexity. They include analysis of form and ways to approach meaning; they also write poetry and begin to write about their responses	Students complete the poetry module with poems that increase in complexity. They include analysis of form and ways to approach meaning; they also write poetry and begin to write about their responses	Students have now looked at the novel and poetry form. This year end explores the short story and the concept of genre, looking at contemporary Gothic tales by Kate Mosse.	Students have the opportunity to construct their own Gothic horror tales and look at elements of horror writing in <i>The Revenant</i>
Science	Students learn about different forces and how they affect the motion of objects. They also learn about the particle model of matter and the properties of solids liquids and gases	Students learn about plant and animal cells and specialised cells and their specific functions. They also learn about different organ systems and functions of specific organs	Students are learning about reproduction in humans and plants, the organs and parts that are involved and the processes related to it. Also about chemical reactions involving acids and alkali	Students learn about electromagnets and how current is produced and flows in circuits. They also learn about space and the solar system and how celestial bodies affect the seasons and days and night	Students learn about atoms elements and compounds and how this relates to the periodic table . How this is organised and arranged	Students learn more about forces relating to speed and gravity and about pressure in fluids
French	Students learn how to greet socially one another in French. social greeting. They learn the French vocab to communicate how they are feeling and to give information about their age and birthday. They learn to describe	Students identify family members and friends. Students learn the vocab to describe physical and personality detail about themselves, family members and friends. Students also learn how to describe family pets.	Students explain the positive and negative opinions about school lessons and teachers. Students learn to tell the time and describe features of the timetable and daily activities. In addition, students will learn how to	Students learn to discuss the different types of dwellings and locations where people live. In addition, Students learn to describe a bedroom with furniture, colours and prepositions.	Students learn the vocab to discuss what facilities and services there are/ not in your town. Students express opinions about their town with explanation. Students recognise and conjugate to say where they and	

	what items they have in their school bag.		describe their daily activities at school and after school.		others go in the town. Students will learn how to use prepositions to say where a place in the town is positioned.	
Spanish	Students learn how to greet socially one another in Spanish. They learn the Spanish vocab to communicate how they are feeling and to give information about their age and birthday. They learn to describe what items they have/ not have in their school bag.	Students identify family members and friends. Students learn the vocab to describe physical and personality detail about themselves, family members and friends. Students also learn how to describe family pets.	Students explain the positive and negative opinions about school lessons and teachers. Students learn to tell the time and describe features of the timetable and daily activities. In addition, students will learn how to describe their daily activities at school and after school.	Students learn to discuss the different types of dwellings and locations where people live. In addition, Students learn to describe a bedroom with furniture, colours and prepositions.	Students learn the vocab to discuss what facilities and services there are/ not in your town. Students express opinions about their town with explanation. Students recognise and conjugate to say where they and others go in the town. Students will learn how to use prepositions to say where places in the town are positioned.	
Jewish Studies			Students explore the significance of Shabbat as a time for rest, reflection, and community, the importance of remembering the Holocaust, and the value of the natural world through Tu B'Shevat.	Students learn the story, traditions, and key themes of the Jewish holiday Purim, and begin to explore the foundational narrative, symbols, and laws of the Jewish holiday Pesach. (Passover)	Students explore the story of Pesach and its traditions, and begin to examine their community and the significance of Yom HaShoah, Yom HaZikaron, and Yom Ha'atzmut.	Students celebrate Yom Yerushalayim and Shavuot, and begin to explore Jewish life cycles from birth to death
Games/PE	Introducing fitness practically as well as developing terminology of how the body works. As well as promoting a legacy of fitness, health and well being	Promoting uncommon sports such as hockey, ultimate frisbee and dance into a termly carousel promoting inclusivity for all abilities in sport.	Introducing our first invasion-based sport of Rugby working on gross and fine motor skills, and how tactical knowledge can promote leadership skills in students. Students can also play netball and Basketball, working alongside Rugby with the invasion-based sports.	Developing the foundations of football and using invasion-based techniques to show progression through drills and game-based scenarios	Our first in-depth look at bat and ball-based sports in Softball. Students exploring the use of a softball bat, softball glove and bases, this promotes leadership and tests hand eye coordination	Students are introduced to OAA (outdoor adventurous activities) where we map read, orienteer and explore the outdoors with various challenges and game-based scenarios

Food/Textiles Technology	<u>Food/Textiles Group 1</u> Students will develop a knowledge and understanding of where food comes from, and they be introduced to the topics of Food Safety, Food Equipment, Food Choice and Healthy Eating. They will learn how to cook a range of dishes hygienically and safely. They will understand how to use equipment correctly and safely. Students will develop basic practical skills and will start to follow recipes independently.	Students will continue with the Food module from term 1, before moving on to a Textiles module midway through this half term. For Textiles students will develop a knowledge and understanding of Safety in the Textiles Area. They will learn how to use basic Textiles equipment, and will develop a range of Textiles skills which they will demonstrate in the designing and making of a hand puppet.	Students will continue with the Textiles module from last term for the remainder of this half term focusing on the making of the hand puppet using a range of different Textiles skills.	<u>Food/Textiles Group 2</u> Students will develop a knowledge and understanding of where food comes from, and they will be introduced to the topics of Food Safety, Food Equipment, Food Choice and Healthy Eating. They will learn how to cook a range of dishes hygienically and safely. They will understand how to use equipment correctly and safely. Students will develop basic practical skills and will start to follow recipes independently.	Students will continue with the Food module from last term before moving onto a Textiles module midway through this half term. For Textiles students will develop a knowledge and understanding of safety in the Textiles Area. They will learn how to use basic Textiles equipment and will develop a range of Textiles skills which they will demonstrate in the designing and making of a hand puppet.	Students will continue with the Textiles module from last term for the remainder of this half term focusing on the making of the hand puppet using a range of different Textiles skills.
DT	Group 1\Project African Jewellery Students will be introduced to the design process. They will begin to develop technology knowledge\key vocab and basic practical skills and techniques. Students will be able work in a safe and controlled manner.	Group1\Project Key Fob Students will work with another material to develop their knowledge\key vocab and practical skills and techniques. Students will work more independently using a wider range of tools, equipment and processes in a safe manner	Group1\Project Model Town Students will work with another material to further develop their understanding and knowledge of the design process as well as to develop skills\techniques using other tools, equipment and techniques. Students will work independently and in groups in a safe manner	Group 2\Project African Jewellery Students will be introduced to the design process. They will begin to develop technology knowledge\key vocab and basic practical skills and techniques. Students will be able work in a safe and controlled manner.	Group2\Project Key Fob Students will work with another material to develop their knowledge\key vocab and practical skills and techniques. Students will work more independently using a wider range of tools, equipment and processes in a safe manner	Group2\Project Model Town Students will work with another material to further develop their understanding and knowledge of the design process as well as to develop skills\techniques using other tools, equipment and techniques. Students will work independently and in groups in a safe manner
Geography	Developing and understanding of how Geography can be studied through different lenses of	Developing and building on students' local geographical knowledge,	Students are introduced to the coast, building on their foundational	Developing students' understanding of the wider world, how	Developing an understanding of what extreme environments	

	human, physical and environmental perspectives	as well as their UK knowledge.	knowledge of strands of geography.	population is changing globally and the impacts.	look like and how animals and people have adapted.	
Art and Design	An introduction to the formal Elements of Art and Design. Students will explore the elements through drawing, painting and other visual means.	A deeper dive into the Elements of Art, experimenting and refining our work through drawing with line and tone and painting with greater control and self-reflection.	By studying how colour is used within art, the colour wheel and colour grouping, students will learn to apply colour more effectively to show balance and meaning within their work.	An opportunity to explore traditional and contemporary practices, to refine painting and drawing techniques in readiness for more substantial art outcomes.	Inspired by the work of Henri Rousseau, students will have the opportunity to create a Jungle themed painting as a substantial outcome.	Exploring the work of Vincent Van Gogh, pupils will develop their portrait drawing knowledge and oil pastel skills further.