

Year 8

Note: In the final half term of the year Religious Education replaces History and Geography. This ensures over the course of the year each subject gets appropriate curriculum time.

Subject	Topic Overview	8 June 2020	15 June 2020	22 June 2020	29 June 2020	6 July 2020	13 July 2020
English	Develop the ability to write creatively by exploring a range of weird and wonderful phenomenon in non-fiction and fiction texts.	To what extent do you believe in Aliens? Why are some people sceptical?	Can you use the concept of aliens to create tension and drama?	How and why is new technology a source of inspiration for writers?	How and why are diseases and natural disasters inspiration for writers?	Can I create a tense and dramatic story opening?	Can I create a tense and dramatic story opening?
Maths	Students will complete a series of tasks each week. Tasks will consist of video clips on Mathswatch, questions on MyMaths and an assignment set on Teams. There are three strands of work matching the band each student works in.	Pi 2 Unit 9.1 Comparing Fractions Unit 9.2.- Fractions of amounts	Pi 2 Unit 9.3 Adding and subtracting fractions Unit 9.4 – Fractions and percentages	Pi 2 Unit 9.5 Calculating percentages Unit 9.6 – Percentages and proportions	Pi 2 Unit 10.1 The language of probability Unit 10.2 Outcomes	Pi 2 Unit 10.3 Probability calculations Unit 10.4 Experimental probability	Pi 2 Unit 10.5 Comparing probabilities
		Theta 2 Unit 9.1 Direct proportions and graphs Unit 9.4 Direct Proportions problems	Theta 2 Unit 9.2 Gradients	Theta 2 Unit 9.3 Equations of straight line graphs	Theta 2 Unit 10.1 Fractions and decimals Unit 10.2 Equivalent proportions	Theta 2 Unit 10.3 Writing percentages Unit 10.4 Percentages of amounts	Theta 2 Unit 10.5 Solving problems on Percentages

		Delta 2 Unit 9.1 Maps and scales Unit 9.3 Bearings	Delta 2 Unit 9.2 Scale & Ratio	Delta 2 – Unit 9.4 – Congruent and similar shapes Unit 9.5 – Solving Geometry Problems	Delta 2 – Unit 10.1 Plotting linear graphs Unit 10.2 The gradient	Delta 2 – Unit 10.3 $Y = mx + c$ Unit 10.4 Parallel and perpendicular lines	Delta 2 – Unit 10.5 Inverse functions Unit 10.6 Non-linear graphs
Science	Photosynthesis: to learn about what photosynthesis is New materials: To explore the properties and uses of materials like, ceramics, composites and polymers Electrical resistance and Electromagnets: Introduction to electrical resistance and how electromagnets work	Introducing photosynthesis and how the leaf is adapted for this reaction.	Understanding the fundamental ideas about photosynthesis.	Introducing new materials, their properties and uses and the problems caused by such materials	Learning the graph drawing skills in science	Understanding electrical resistance and how it affects circuits.	Introducing electromagnets, how they work and their uses
Religious Education	Buddhism – Exploring key beliefs of Buddhism and how the Buddha set out to find a way to end suffering in the world.	Introduction – An overview of how the Buddha founded the religion and key facts about the religion.	Who was the Buddha?	How suffering shocked the Buddha	Everything changes: The Three signs of Being	Seeking the Truth	Symbols: Making meaning

	Hinduism –Exploring the key beliefs and practices of the Hindu religion.	Introduction – An overview of the key aspects of the Hindu religion.	What is the Divine?	One Supreme spirit in many forms	Where are we going? The cycle of life and death.	Where are we? Time and Place.	Do you know your place? The Caste System.
French	Learning conversational language to support a visit to a French speaking country.	Understanding as well as taking part in a conversation in a café	Understanding dialogues in a restaurant	Understanding dialogues in a hotel	Taking part in a conversation on public transport	Taking part in a conversation at a tourist office	French personal topic – from published list
Design and Technology	DIY Flu Masks for All: Identifying the Need for Design	To understand the need for PPA in the workplace, why it is necessary and the science behind it.	Research existing solutions to help you understand how we can improve on existing products	Based on research - decide what makes a good product and why?	Start designing a face mask.	Using the given template or one of their own create a prototype.	Now you have completed your prototype you need to evaluate it. Ask others what they think, use your specification points to say if you have met them or not
Fine Art (Mr Clifford)	Natural form project: Drawing and painting skills	Drawing test: Tonal drawing using pencil of a collection flowers	Photography: Taking quality photographs of plants/flowers in interesting compositions	Drawing skills: Create a strong sustained drawing from your Photograph	Artists research: Create a sustained tonal drawing of the artists image	Painting skills: Carefully apply paint (or a different colour media) to your image	Final Piece: Creating painting from photograph in the style of Georgia O-Keeffe
Fine Art (Mr Birch)	Understanding of the principles of sculpture.	Students to understand how to make paper into a sculpture	Students are to create a sculpture based on Natural Forms?	Students are to be inspired by Architecture when making a sculpture.	Students are to add colour to their Architectural sculpture.	Students are to understand the term, positive and negative space.	Students are to look at existing Artists who create sculpture

3D Art (Ms Loosemore)	Investigating and creating 3D artwork using different materials	Paper Manipulation Creating a sculpture inspired by Natural Forms	Creating a cardboard –Bas relief sculpture	Cardboard-Bas Relief refining the sculpture inspired by architecture	Creating a Noton Collage - Japanese Paper cutting technique	Artist research on Barbara Hepworth and Henry Moore	Creating a response to an artist’s work
Physical Education	Virtual Sports Day – Complete a series of challenges and contribute to your community score	Sprint Challenge	Coordination Challenge	Muscular Endurance Challenge	Power Challenge	Agility Challenge	Cardio Challenge
Drama	Coronavirus Time Capsule. Students develop their performance, creative and technical skills as they create weekly short films documenting their experiences during lockdown	HOME LIFE: Students express something important about their day to day life during lockdown. They should experiment with different ways of capturing things on film.	THE LOCKDOWN CURRICULUM: Students create a lockdown curriculum consisting of the essential things they have learnt during lockdown that they would never have learnt at school.	LETTING LOOSE: This is an opportunity to let off steam, this is the final section of the time capsule and should be a high octave, fun video clip.	Music Rotation	Music Rotation	Music Rotation
Music	Develop essential Music skills by focussing on the basics of Music Theory, listening skills and composing skills.	Drama Rotation	Drama Rotation	Drama Rotation	Music Theory To develop your Musical theory knowledge. Quiz: Notes on the Treble clef staff	Listening Skills To develop your Music listening skills. Develop your listening skills by identifying the wrong notes. Develop your singing by choosing a song	Composing Skills To develop your own Musical composition skills. Use an online digital audio sequencer to develop your own piece of music.

