

Key stage 4 curriculum map - Year 1 (2022-2023)

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths (5 lessons per week)	Prop of Number: Partition, addition and subtraction (inc. algebra)	Measure: Money	Measure: Calendar and Time	Geometry & Measure 4 weeks: Shape 2 weeks: Length (link to perimeter of shapes)	Measure 3 weeks: weight 3 weeks: capacity	Number: Multiplication , Division and fractions
Additional areas to cover / link back to	-Early algebra skills e.g. $3 + ? = 7$ -inverse operations -Statistics	-Addition skills -Subtraction skills -functional maths skills (shopping lists & comparing prices) -Statistics (sorting coins / graph to show items purchased)	- Multiplication skills (5 times tables) -Functional skills (schedules & events in the day)	-Position and direction of shapes -patterns (inc. early algebra skills) -Addition skills (calculating perimeter) -Statistics (properties of shape)	-Number skills -Addition skills -Subtraction skills -Functional skills (cooking) -Statistics	-Early ratio skills -Early proportion skills -Early algebra skills -Fractions of shapes
English (4 lessons per week + 1 guided reading lesson)	Component 1 -Media In this unit students will develop their understanding of media campaigns.		Component 2 -Adventure In this unit students will develop their understanding of narratives.		Component 1 -Next Step In this unit students will develop their understanding of texts associated with the workplace.	
Science (2 lessons per week)	Environment-Evolution & Inheritance Adaptations (TDA) Predator/Prey Relationships Plant adaptations Food chains and food webs Genes Selective Breeding Types of reproduction. ESA		Chemistry In Our World Acids and Alkalis Indicators pH Identifying chemical reactions Acids and Metals Catalysts (TDA) Pollution investigation Cleaning drinking water ESA		Energy & Forces Types of Energy Energy transfers Insulation (TDA) Speed and Power Measuring forces Friction ESA	Plants - Parts of a plant Photosynthesis Parts of a leaf (microscopes) Flowers Pollination Growing plants
ICT (1 lessons per week)	How does the internet work? Students understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration		Accessing Information / Fake News / Corroborating Facts Students will further develop their internet navigation skills in order to access and complete online forms / research and act upon specific information. Students will learn to assess and corroborate information and they will learn how to identify potential harmful websites seeking to gain personal information.		Coding Students will learn how to read and write algorithms in order to create code for web based apps, robots and online games.	

RE/Geog/Hist (1 lesson per week)	<p>Aut 1 RE Expressing: Why do some people think life is like a journey and what significant experiences mark this? Christians, Hindu's and/or Jewish people and non-religious responses (e.g. Humanist)</p> <p>Aut 2 Geography Extreme Earth the destructive powers of nature, from volcanoes and earthquakes to tsunamis and tornadoes</p>	<p>Spring 1 History Rights & liberty including voting/suffrage</p> <p>Spring 2 RE Living: What does it mean to be a Christian, Muslim, Hindu in Britain today?</p>	<p>Summer 1 Geography The UK The geography of the UK - from the physical features of mountains, rivers and seas to the man-made administrative. Change through time.</p> <p>Summer 2 History Local Study: History of Manchester</p>
Creative Carousel 3 lessons per week	<p>Art Human Form: Self Image (collage, portraits and sculpture: Focus Artist Julian Opie and Edwina Bridgeman)</p>	<p>Music Keyboard skills - students will read traditional notation in order to learn and perform a piece of keyboard music.</p> <p>Rock Band-students will form a rock band, compose an instrumental piece of music and plan a live performance.</p>	<p>Cultural Studies Students will study key cultural, geographical, and environmental and language elements of France.</p>
PSHCE/Cship/RE -1 lesson per week	<p><i>Autumn 1</i> PHSCE - Medicines and Medication <i>Autumn 2</i> RSE - Relationships (different family structures, different relationships, appropriate relationships, appropriate touch, consent) Article 17, 19 & 34</p>	<p><i>Spring 1</i> Citizenship - Democracy and Justice <i>Spring 2</i> PHSCE - Recognising my needs and self-awareness - emotional wellbeing.</p>	<p><i>Summer 1</i> RSE - My Body (Changing bodies, appropriate touch, feelings, emotions and consent.) Article 17, 19 & 34 <i>Summer 2</i> Citizenship - Community Campaign Project</p>
ASDAN Bronze / Transition Challenge (6 lessons per week- including work experience placements)	<p>Vocational Day <u>Cook It - Module 4-B1 / Module 10-B3</u> <u>Film It - Module 11-B4 / Module 9-B2</u> <u>Grow It - Module 5-B2 / Module 4-B5</u></p>		
Arts Award (3 lessons per week)	<p>Part A Engage with 2 art genres</p>	<p>Part B Research an artist / arts centre</p>	<p>Part C/D Final art project and presentations</p>
WRL-Little Cup and Cake (3 lessons per week)	<p>Little Cup and Cake Café Students learn how to run a school based café. Students will learn how to create products for the café, set up a café, design promotional material and serve customers.</p>		
Duke of Edinburgh (3 lessons per week)	<p>Pupils take part in a range of activities related to the following four areas: Skill, Physical, Volunteering and Expedition</p>		

PE (2 lessons per week)	HEALTH RELATED FITNESS Resistance training	GYMNASTIC S & DANCE Dance	INVASION GAMES Football	GYMNASTICS Floor gymnastics	NET, WALL & RACQUET Tennis	STRIKING & FIELDING Softball
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Key stage 4 curriculum map - Year 2 (2021-2022)

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths (5 lessons per week)	Prop of Number: Partition, addition and subtraction (inc. algebra)	Measure: Money	Measure: Calendar and Time	Geometry & Measure 4 weeks: Shape 2 weeks: Length (link to perimeter of shapes)	Measure 3 weeks: weight 3 weeks: capacity	Number: Multiplication , Division and fractions
Additional areas to cover / link back to	-Early algebra skills e.g. $3 + 2 = 7$ -inverse operations -Statistics	-Addition skills -Subtraction skills -functional maths skills (shopping lists & comparing prices) -Statistics (sorting coins / graph to show items purchased)	- Multiplication skills (5 times tables) -Functional skills (schedules & events in the day)	-Position and direction of shapes -patterns (inc. early algebra skills) -Addition skills (calculating perimeter) -Statistics (properties of shape)	-Number skills -Addition skills -Subtraction skills -Functional skills (cooking) -Statistics	-Early ratio skills -Early proportion skills -Early algebra skills -Fractions of shapes
English (4 lessons per week + 1 guided reading lesson)	Component 1 - Leisure In this unit students will develop their understanding of non-fiction texts, such as timetable, leaflets, reviews, web pages and surveys.		Component 2 - Hobbies In this unit students will develop their understanding of non-fiction texts related to hobbies.		Component 1 - Crime In this unit students will develop their understanding of crime based narratives.	
Science (2 lessons per week)	The Human Body Cells and Microscopes Organs in the Human body Circulatory System (TDA) Digestive System Nervous System (TDA) Immune System Skeleton Muscles ESA		Elements, Mixtures and Compounds - Finishes mid Spring 2 Periodic Table Melting Points and Boiling Points Separation Techniques (TDA) Chromatography Diamonds and Crystals ESA	Electricity and Magnets - Finishes end of Summer 1 Magnets Electrical Circuits Fruity Batteries Electrical Dangers Sound Light Electromagnetic Spectrum ESA	Exploring Space Summer 2 Planets Day/Night/Year Phases of the Moon Space Travel	
ICT (1 lessons per week)	Creating A Promotional Campaign Students will learn how to prepare an advertising / promotional campaign for a specific event or product.		PowerPoint - Domestic ICT In this module students will learn how ICT plays a significant role within the modern household and work environment. Students will learn how hardware is connected within each environment and how to evaluate and research ICT need and products prior to purchase.		Coding Students will learn how to read and write algorithms in order to create code for web based apps, robots and online games.	

RE/Geog/Hist (1 lesson per week)	<p>Aut 1 RE Believing: What would Jesus Do? Can we live by the values of Jesus in the twenty-first Century?</p> <p>Aut 2 Geography All around the world A closer look at where the countries of the world are located, and some of the ways geographers describe locations. Latitude, longitude, time zones etc.</p>	<p>Spring 1 History Crime and punishment</p> <p>Spring 2 RE Expressing: Living: What can we learn from religions about deciding what is right and wrong? Christians, Jewish people and non-religious responses (e.g. Humanist)</p>	<p>Summer 1 Geography Enough for Everyone Think about the needs of a settlement, and the needs of the planet as a whole. Understand where power and food comes from. The idea of carbon footprint.</p> <p>Summer 2 History Medicines and Health</p>			
Creative Carousel 3 lessons per week (rotate termly)	<p>Art Photography In this module students will focus on an aspect of photography. Students will explore the work of other artists and learn and develop skills of how to use this work to inspire their own ideas for their final piece of artwork.</p>	<p>Music Composing a piece of electronic dance music / making a music video</p> <p>Keyboard skills - students will compose, notate and perform a short piece of keyboard music.</p>	<p>Cultural Studies Students will study key cultural, geographical, and environmental and language elements of France.</p>			
ASDAN Bronze / Transition Challenge (6 lessons per week- including work experience placements)	<p>Vocational Day Cook It - Module 4-B1 / Module 10-B3</p> <p>Film It - Module 11-B4 / Module 9-B2</p> <p>Grow It - Module 5-B2 / Module 4-B5</p>					
PSHCE/Cship/SRE (1 lessons per week)	<p>Autumn 1 PHSCE - Healthy Lifestyles</p> <p>Autumn 2 RSE - Relationships (different family structures, different relationships, appropriate touch, consent)</p>	<p>Spring 1 Citizenship - Rights and responsibilities</p> <p>Spring 2 PHSCE - Diversity, Prejudice and discrimination</p>	<p>Summer 1 RSE - My Body (Changing bodies, appropriate touch, feelings, emotions and consent.)</p> <p>Summer 2 Citizenship - Identities and diversity</p>			
Arts Award (3 lessons per week)	<p>Part A Engage with 2 art genres</p>	<p>Part B Research an artist / arts centre</p>	<p>Part C/D Final art project and presentations</p>			
WRL-Little Cup and Cake (3 lessons per week)	<p>Little Cup and Cake Café Students learn how to run a school based café. Students will learn how to create products for the café, set up a café, design promotional material and serve customers.</p>					
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PE (2 lessons per week)	<p>HEALTH RELATED FITNESS Resistance training</p>	<p>GYMNASTICS & DANCE Dance</p>	<p>INVASION GAMES Football</p>	<p>GYMNASTICS Floor gymnastics</p>	<p>NET, WALL & RACQUET Tennis</p>	<p>STRIKING & FIELDING Softball</p>