

Year 7 Curriculum Content Overview 2021-22

Year 7	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Art	Arts and Crafts of Mexico	Arts and Crafts of Mexico	Formal Elements	Formal Elements	Kimmy Cantrell	Kimmy Cantrell
Computer Science	<p>Systems, data management &amp; communicating online</p> <ul style="list-style-type: none"> <li>File and data management</li> <li>Email etiquette</li> <li>Intro to accessing Teams, Foldr</li> <li>Word processing: skills and techniques</li> <li>Touch typing practice</li> </ul>	<p>Staying Safe Online:</p> <ul style="list-style-type: none"> <li>Presentation skills: PowerPoint</li> <li>Making movies: iMovie</li> <li>Planning: Storyboards, mood boards</li> <li>Online Safety: Stranger Danger / Privacy settings / password protection</li> </ul>	<p>Understanding Computers:</p> <ul style="list-style-type: none"> <li>CPU</li> <li>Memory &amp; Storage</li> <li>Intro to Binary</li> <li>Binary Denary conversion</li> <li>Coding: Alan Turing / ASCII code</li> <li>Code Breaking</li> <li>Intro to Programming with Scratch</li> <li>Block based programming</li> <li>Creating animations</li> </ul>	<p>Game Design and Development using Scratch</p> <ul style="list-style-type: none"> <li>Platform game development project</li> <li>Planning and testing</li> <li>Development log</li> <li>Creation of variables</li> <li>Evaluation of own progress</li> <li>Problem solving</li> <li>Computational Thinking</li> <li>Sequences, loops and conditionals</li> </ul>	<p>Programming Basics: Introduction to text based coding: Python</p> <ul style="list-style-type: none"> <li>Basic inputs</li> <li>Print command</li> <li>Calculations</li> <li>Python Turtle drawings</li> <li>Computational thinking:</li> <li>Sequencing</li> <li>Loops</li> <li>Variables</li> </ul>	<p>Spreadsheets:</p> <ul style="list-style-type: none"> <li>Formatting</li> <li>Formulas</li> <li>Modelling</li> <li>Graphs and charts</li> <li>Collecting and collating data</li> <li>Surveys</li> </ul>
Drama	Year 7 are undertaking an introduction to drama, learning the rules, skills, and basic drama skills	Darkwood Manor: creative unit on haunted house	Comic book - physicality, mime, characterisation	Commedia Dell arte; Characterisation stick characters and slapstick	<p>Shakespeare:</p> <ul style="list-style-type: none"> <li>Romeo and Juliet</li> <li>Macbeth</li> <li>Tempest</li> </ul>	Storytelling: structure of plays and narration devising one longer plays
English	<ol style="list-style-type: none"> <li>Autobiography</li> <li>The double read: <ul style="list-style-type: none"> <li>The Giver</li> <li>The Maze Runner</li> <li>Once</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>The double read</li> <li>Writing to narrate</li> </ol>	Non- fiction reading & writing [Survival]	Global poetry	William Shakespeare: A Midsummer Night's Dream	<p>Contemporary play:</p> <ul style="list-style-type: none"> <li>Our Day Out</li> <li>2 weeks with the Queen</li> </ul>

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	<ul style="list-style-type: none"> <li>The Weight of Water</li> </ul>					
Geography	Map skills: <ul style="list-style-type: none"> <li>Understanding and interpreting maps</li> </ul>	Physical and human geography of the UK: <ul style="list-style-type: none"> <li>Physical UK landscapes</li> <li>Human geography issues, e.g. migration</li> </ul>	Tectonic hazards: <ul style="list-style-type: none"> <li>Earthquakes and volcanoes</li> </ul>	Atmospheric hazards: <ul style="list-style-type: none"> <li>Tropical storms and tornadoes</li> </ul>	Physical and human geography of China: <ul style="list-style-type: none"> <li>Physical landscapes</li> <li>Human geography issues e.g. population policies</li> </ul>	Past, present and future Hove: cross curricular humanities project
History	Britain 400-1066 <ul style="list-style-type: none"> <li>How did the Romans leave Britain?</li> <li>Who were the Saxons and Danes and what was Saxon England like?</li> <li>What happened in 1066 and why?</li> </ul>	Norman England <ul style="list-style-type: none"> <li>How did William keep control?</li> <li>How did the Normans change England?</li> <li>Where did people live in the Middle Ages?</li> </ul>	Middle Ages <ul style="list-style-type: none"> <li>Law and order in the Middle Ages.</li> <li>Why was the Church so important?</li> <li>How did kings change England?</li> </ul>	Early Modern England (the Tudors) <ul style="list-style-type: none"> <li>Who were the Tudors?</li> <li>How did Henry change the Church?</li> <li>What was life like under Mary and Elizabeth?</li> <li>Who was the worst Tudor?</li> </ul>	Early Modern England (the Stuarts) <ul style="list-style-type: none"> <li>Who were the Stuarts?</li> <li>What was the Gunpowder Plot?</li> <li>Why was there an English Civil War?</li> <li>How did government change after 1688?</li> </ul>	Industrial England (1700 – 1900) <ul style="list-style-type: none"> <li>What was England like in 1700?</li> <li>What was the Industrial Revolution?</li> <li>How did the Industrial Revolution affect the lives of ordinary people?</li> </ul>
Languages carousel repeats - 10 weeks for each language: Chinese, French, German & Spanish.	Greetings and Introductions <ul style="list-style-type: none"> <li>Colours</li> <li>Target Language Countries, Flags</li> <li>Numbers &amp; Months</li> <li>Family &amp; Friends</li> <li>Weather</li> </ul>	Greetings & Introductions: Repeats every 10 weeks in a different language	Greetings & Introductions: Repeats every 10 weeks in a different language	Greetings & Introductions: Repeats every 10 weeks in a different language	Greetings & Introductions: Repeats every 10 weeks in a different language	Greetings & Introductions: Repeats every 10 weeks in a different language

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	<ul style="list-style-type: none"> <li>Festivals, traditions &amp; Culture</li> <li>History</li> <li>Assessment planning &amp; delivery</li> <li>Assessment feedback</li> </ul>					
Languages: Mandarin Excellence Programme (MEP)	<p><u>Topic 1 – Hobbies</u> Exam question types 1) What is your hobby? 2) What activity do you do every day or at the weekend?</p> <p>+ Chinese New Year celebration activities</p>	<p><u>Topic 2 –Sports</u> Exam question types 1) What sport or instrument are you able to play? 2) Suggestions of activity 3) The use of 会</p>	<p><u>Topic 3 - Family &amp; friends and home</u> 1) Family members 2) Pets 3) Extended family members 4) Cities +Countries + nationality</p> <p>介绍家人(family introductions) <a href="http://www.bbc.co.uk/languages/chinese/real_chinese/">http://www.bbc.co.uk/languages/chinese/real_chinese/</a> 介绍象形字 (Chineasy) <a href="https://www.youtube.com/watch?v=T5FNvW19GbA">https://www.youtube.com/watch?v=T5FNvW19GbA</a> 爸爸喜欢冰淇淋 (I like ice cream) <a href="https://www.youtube.com/watch?v=YJZj0C8VIKY">https://www.youtube.com/watch?v=YJZj0C8VIKY</a></p>	<p><u>Topic 4 - about yourself</u> 1) Greetings + name 2) Numbers + age 3) Dates, Day and Time 4) Birthday</p> <p>*凯丽老师的课(堂 Greeting <a href="https://www.youtube.com/watch?v=ePzxGxOj7us&amp;list=PLZ27m2K2W5n52BZVKeQcDJVINEYERsgln">https://www.youtube.com/watch?v=ePzxGxOj7us&amp;list=PLZ27m2K2W5n52BZVKeQcDJVINEYERsgln</a> <a href="https://www.youtube.com/watch?v=-25AdXugQXw&amp;list=PLZ27m2K2W5n52BZVKcDJVINEYERsgln&amp;index=4">https://www.youtube.com/watch?v=-25AdXugQXw&amp;list=PLZ27m2K2W5n52BZVKcDJVINEYERsgln&amp;index=4</a> *你几岁 (How old are you?) <a href="https://www.youtube.com/watch?v=Qvn">https://www.youtube.com/watch?v=Qvn</a></p>	<p><u>Topic 5 – Basic Food and drink + End of Year Exams</u> 1. Prepare speaking exams to take place during lessons. 2. Prepare revision for reading, listening and writing exams.</p> <p><u>External Assessments:</u> 1. End of Year 7 Listening and Speaking exams (completed off timetable) 2. End of Year 7 Reading and Writing exams (conduct during the lesson timetable)</p>	<p><u>Topic 6 – colours</u></p> <p><u>Assessment:</u> 1. Y7 MEP external hurdle tests (four skills) 2. Completion of the Speaking, Writing, Listening and Reading hurdle tests</p>

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				<a href="https://www.youtube.com/watch?v=PLZ27m2K2W5n52BZVKeQcDJVINEYERsgln&amp;index=6">Om9RQOOY&amp;list=PLZ27m2K2W5n52BZVKeQcDJVINEYERsgln&amp;index=6</a> *你叫什么名字(what is your name) <a href="https://www.youtube.com/watch?v=hP1NrknMybo">https://www.youtube.com/watch?v=hP1NrknMybo</a> *数字(Chinese number rap) <a href="https://www.youtube.com/watch?v=2eLP3FuuEVs">https://www.youtube.com/watch?v=2eLP3FuuEVs</a>	Start the Speaking MEP hurdle test	
Maths	1. Sequences 2. Understanding and use algebraic notation	1. Equality and equivalence 2. Place value and ordering integers and decimals. 3. Fraction, Decimal and percentage equivalence	1. Problem solving with +/- 2. Problem solving with division and multiplication 3. Fractions and Percentages of amounts	1. Operations and equations with directed number 2. Addition and subtraction of fractions	1. Constructing, measuring and using geometric notation 2. Developing geometric reasoning	1. Developing number sense. 2. Sets and probability 3. Prime numbers and proof.
Music	<u>Elements of Music</u>  Students are introduced to the Elements of Music, including Rhythm, Dynamics, Pitch, Tempo, Texture, Tonality and Structure.	<u>Chords and Melody</u>  Students are introduced to chords and melodies, building on the previous main elements learnt – rhythm, dynamics, texture and tempo.	<u>World Music</u>  Students are introduced to music from different countries such as Japan, Africa, Bali and Australia.	<u>World Music</u>  Students learn how to compose using a given chord pattern and scale and combine this to create an effective and original piece of music.	<u>Music from Popular Culture</u>  Students learn to play pieces of music from a range of popular styles such as Rock, Reggae and Indie.	<u>Music from Popular Culture</u>  Students learn how to write an effective pop song. They begin by creating a theme and writing lyrics, then adding other musical elements such as a chord pattern and working out a melody line.

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PHSE	<b>Transition and safety</b> Transition to secondary school and personal safety in and outside school, including first aid	<b>Diversity</b>  Diversity, prejudice, and bullying	<b>Developing skills and aspirations</b>  Careers, teamwork and enterprise skills, and raising aspirations	<b>Health and puberty</b>  Healthy routines, influences on health, puberty, unwanted contact, and FGM	<b>Financial decision making</b>  Saving, borrowing, budgeting and making financial choices	<b>Building relationships</b>  Self-worth, romance and friendships (including online) and relationship boundaries
Physical Education	From 4th October to the end of half term boys' lessons will be netball and dance requiring their trainers shorts and rugby shirts for working outside. Girls lessons will be on rugby and football and require studded footwear.	Fitness for both boys' and girls' groups with cross country in the two weeks before Christmas.	Boys' groups: Basketball and football.  Girls groups: Dance and basketball	Boys - continuation of football after half term, then table tennis/Volleyball.  Girls groups continue basketball then move to hockey.	All groups on Leadership in sport, then athletics.	All groups on sticking and fielding, including cricket, softball, rounders and stool ball.
Religious Education	The Island: an immersive exploration of religions and culture	Judaism: a study of the beliefs and practices of Judaism	Animals, Food and Ethics: a study of our relationship with animals and their use in food	Christianity 1: A study of the beliefs and practices of Christianity part 1	Christianity 2: A study of the beliefs and practices of Christianity part 2	Humanism and Atheism: A study of humanist thought, practices and ethics
Science  Students rotate Biology, Chemistry, Physics throughout the year	Depending on rotation: <ul style="list-style-type: none"> <li>Biology-cells, tissues, organs and systems and muscles, bones and drugs</li> <li>Chemistry-The particle model</li> </ul>	Depending on rotation: <ul style="list-style-type: none"> <li>Biology-cells, tissues, organs and systems and muscles, bones and drugs</li> <li>Chemistry-The particle model</li> </ul>	Depending on rotation: <ul style="list-style-type: none"> <li>Biology-cells, tissues, organs and systems and muscles, bones and drugs</li> <li>Chemistry-The particle model</li> </ul>	Depending on rotation: <ul style="list-style-type: none"> <li>Biology-ecosystems and food and nutrition</li> <li>Chemistry-atoms, elements and compounds</li> </ul>	Depending on rotation: <ul style="list-style-type: none"> <li>Biology-ecosystems and food and nutrition</li> <li>Chemistry-atoms, elements and compounds</li> </ul>	Depending on rotation: <ul style="list-style-type: none"> <li>Biology-ecosystems and food and nutrition</li> <li>Chemistry-atoms, elements and compounds</li> </ul>

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	and mixtures and separation <ul style="list-style-type: none"> <li>Physics-Forces and energy</li> </ul>	and mixtures and separation <ul style="list-style-type: none"> <li>Physics-Forces and energy</li> </ul>	and mixtures and separation <ul style="list-style-type: none"> <li>Physics-Forces and energy</li> </ul>	and acids and alkalis <ul style="list-style-type: none"> <li>Physics-sound and light</li> </ul>	and acids and alkalis <ul style="list-style-type: none"> <li>Physics-sound and light</li> </ul>	and acids and alkalis <ul style="list-style-type: none"> <li>Physics-sound and light</li> </ul>
Technology Carousel  Students study 2 terms Design & Technology/STEM (Science Technology Engineering Maths) and 1 term Food & Nutrition	<b>STEM</b> Structures & Forces- <ul style="list-style-type: none"> <li>Triangulation.</li> <li>Paper engineering.</li> <li>Control testing</li> </ul> Concept Modelling- <ul style="list-style-type: none"> <li>Designers and Design Companies.</li> <li>Smart materials.</li> <li>Product design.</li> </ul> 6 R's- <ul style="list-style-type: none"> <li>Materials investigation</li> <li>Designing</li> <li>Equipment &amp; Machinery.</li> </ul> Wind Powered Vehicle- <ul style="list-style-type: none"> <li>Key word definitions.</li> <li>Renewable resources.</li> <li>Global sustainability.</li> </ul>	Maze Game- <ul style="list-style-type: none"> <li>Working with plastics &amp; wood.</li> <li>Marking out, cutting and shaping.</li> </ul> Passive Speaker- <ul style="list-style-type: none"> <li>Working with and combining different materials.</li> <li>Designing &amp; Designers.</li> </ul> Mobile Phone Stand- <ul style="list-style-type: none"> <li>Product analysis.</li> <li>Modelling.</li> <li>Acrylic-cutting and shaping.</li> <li>Recyclable materials.</li> </ul> Designers- <ul style="list-style-type: none"> <li>Zaha Hadid.</li> <li>Product analysis and designing.</li> <li>Materials development-thermoplastics.</li> </ul>	<b>STEM</b> Structures & Forces- <ul style="list-style-type: none"> <li>Triangulation.</li> <li>Paper engineering.</li> <li>Control testing</li> </ul> Concept Modelling- <ul style="list-style-type: none"> <li>Designers and Design Companies.</li> <li>Smart materials.</li> <li>Product design.</li> </ul> 6 R's- <ul style="list-style-type: none"> <li>Materials investigation</li> <li>Designing</li> <li>Equipment &amp; Machinery.</li> </ul> Wind Powered Vehicle- <ul style="list-style-type: none"> <li>Key word definitions.</li> <li>Renewable resources</li> <li>Global sustainability.</li> </ul>	Maze Game- <ul style="list-style-type: none"> <li>Working with plastics &amp; wood.</li> <li>Marking out, cutting and shaping.</li> </ul> Passive Speaker- <ul style="list-style-type: none"> <li>Working with and combining different materials.</li> <li>Designing &amp; Designers.</li> </ul> Mobile Phone Stand- <ul style="list-style-type: none"> <li>Product analysis.</li> <li>Modelling.</li> <li>Acrylic-cutting and shaping.</li> <li>Recyclable materials.</li> </ul> Designers- <ul style="list-style-type: none"> <li>Zaha Hadid.</li> <li>Product analysis and designing.</li> <li>Materials development-thermoplastics.</li> </ul>	<b>STEM</b> Structures & Forces- <ul style="list-style-type: none"> <li>Triangulation.</li> <li>Paper engineering.</li> <li>Control testing</li> </ul> Concept Modelling- <ul style="list-style-type: none"> <li>Designers and Design Companies.</li> <li>Smart materials.</li> <li>Product design.</li> </ul> 6 R's- <ul style="list-style-type: none"> <li>Materials investigation</li> <li>Designing</li> <li>Equipment &amp; Machinery.</li> </ul> Wind Powered Vehicle- <ul style="list-style-type: none"> <li>Key word definitions.</li> <li>Renewable resources.</li> <li>Global sustainability.</li> </ul>	Maze Game- <ul style="list-style-type: none"> <li>Working with plastics &amp; wood.</li> <li>Marking out, cutting and shaping.</li> </ul> Passive Speaker- <ul style="list-style-type: none"> <li>Working with and combining different materials.</li> <li>Designing &amp; Designers.</li> </ul> Mobile Phone Stand- <ul style="list-style-type: none"> <li>Product analysis.</li> <li>Modelling.</li> <li>Acrylic-cutting and shaping.</li> <li>Recyclable materials.</li> </ul> Designers- <ul style="list-style-type: none"> <li>Zaha Hadid.</li> <li>Product analysis and designing.</li> <li>Materials development-thermoplastics.</li> </ul>