

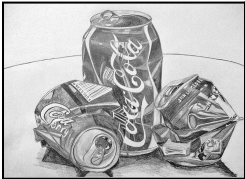
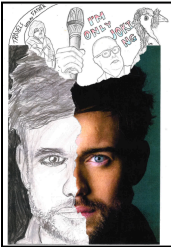


St. Michael's Middle School

Year 8 Curriculum Map*



Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	Ratio and Scale Proportion and Scale Algebraic manipulation	Equations and inequalities Multiply and divide fractions Symmetry and reflections	Coordinates and Graphs Area, volume and density Percentages	Percentages Indices Standard form Interpret and represent data	Angles in parallel line and polygons Tables and probability	Circles Graphs and Charts Sequences REVISION
English	Long Way Down by Jason Reynolds Novel Study	Gothic Writing	Poetry of Life	Dystopian writing	Mystery Stories	Transition Unit
Science	Types of Chemical Reaction (Inc. Chemical Energy) Breathing & Respiration Reproduction		Magnets and Electromagnets Acids & Bases Movement Waves		Photosynthesis Heating & Cooling Universe	

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Art	Still-life - First and secondhand observational drawing. 	Still life - illustration • Pop Art Lichtenstein  Sculpture - Pop Art inspired clay sculpture, focusing on both aesthetics and function. 	Still life - painting 	Portraits - Symbolism behind a self-portrait. Artist research. • Kathe Kollwitz  • Frida Kahlo  • Marc Quinn 	Drawing - First and second hand observational drawing and collage. Accuracy and detailing. • Ben Heine 	Drawing - contd. 
Computer Science	Spreadsheets	Encryptions, Ciphers & Steganography	Python	Python with Micro:bits	Multimedia Project	

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Product Design (Termly cycle)	C.A.D C.A.M - Computer Aided Design, and Computer Aided Manufacture. A real life design and make scenario for an online clock store. From realising the design spec from the company to Ideas/ design through to producing a full size working prototype perspex clock. The first term is spent designing, planning and learning the 2d design program. Term 2 – Perfecting the final design- dividing it into colour sections. Cutting out on the laser cutter. Also a Box/package design is made and assembled. The Design process is then evaluated for the whole project.					
Textiles (Termly cycle)	Fashion and sustainable design - design and make a bucket hat. Study British milliner Philip Treacy. Focus on sustainable fabrics and recycled materials. Tools and processes- pattern cutting, hand & machine sewing, construction of seams and hems, applique, embroidery. Fashion illustration to create coordinating outfits.  					
Food and Nutrition (Termly cycle)	Hygiene and safety recap. Ethical issues surrounding food including Fairtrade, free range, food miles, eating local. Recipes: fajitas, sweet and sour chicken, puff danish pastries, curry, apple cake, chilli con carne.					

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
French	<u>Free time and holidays</u> Classroom language revisited and extended to encourage fluency and spontaneity. Sports and how to give an opinion on them. Adjectives and quantifiers European Day of Languages.	The weather and blending this with the theme of sports. Manipulation of high-frequency "-ER" verb paradigms embedded in complex sentence structures across the theme of activities. Use of a variety of negative forms - ne....plus; ne ... jamais.	Introduction to the irregular verb "aller", to be able to talk about where we go on holiday, with whom, how we travel and what we usually do there. Construction of the Immediate Future across all pronouns.	The application and use of two tenses (Present and Future) across all four skill areas focusing on the theme of holidays. Use of " je voudrais" and " je veux" +verbs in the infinitive forms. Continued use of complex negative sentence construction.	<u>Freetime cont- Past tense</u> To be able to talk about where we went last weekend and describe what we did. Introduction to the past tense of verbs using 'avoir'.	Introduction to irregular past participles with 'avoir'. The past tense of a few verbs conjugated with 'être'. Question construction and negation. The use of three tenses (Present, Future and Perfect) across all four skill areas.
Geography	Population	Urbanisation	Settlement	Weather and Climate	Globalisation and Retail	Glaciation
History	Political Turmoil and the English Civil War	The French Revolution	The British Empire	The Industrial Revolution	The Industrial Revolution	Democracy and Women
PSHE	Health & Wellbeing - Emotional Wellbeing	Living in the wider world - Discrimination. Parliament & Democracy.	Living in the wider world - Community & Careers	Living in the wider world - Digital Literacy.	RSE - Identity & Relationships.	Health & Wellbeing - Drugs & Alcohol.

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Music	<u>PA and Sound Setup</u> In preparation for independent use of PODS and playing in bands in class and other times. Basics of amps, guitars, mic and keyboard setup. How to safely use and look after gear. Names of different cables, inputs etc. <u>Band Skills Basics</u> In preparation for upcoming topics and independent band work. How to build keyboard chords and read basic chord/lyric charts	<u>Cover Versions</u> This topic builds on Y7 Band work introducing whole songs with multiple sections including Verses Chorus Bridge. Children further develop their chord playing, using more challenging keys and two handed keyboard techniques.	<u>Songwriting</u> This topic builds on the work done in COVER VERSIONS. The children now compose a chord sequence of their own and create some lyrics to develop a chorus and verses as a band.	<u>Songwriting Continued</u>	<u>African Drumming</u> Explore Polyrythms through African percussion music. Perform complex rhythms in small groups and develop your skills as a music leader.	<u>Music Tech - iPads Dance Music</u> Children learn about the different styles of Electronic Dance Music and use Garageband to compose their own dance music.
PE	Boys 1 Group Football (6 weeks) <i>Keeping Possession, Denying space, Attacking & Defensive tactics & formations</i> Gymnastics (6 weeks) <i>Sports Acro</i> Girls 1 group Netball (6 weeks)	Boys 1 Group Rugby (6 weeks) <i>Keeping Possession, Denying space, Attacking & Defensive tactics & formations</i> Swimming (6 weeks) <i>Front Crawl & Backstroke development</i>	Boys 1 Group Basketball (6 weeks) <i>Keeping Possession, Denying space, Attacking & Defensive tactics & formations</i> Health Related Fitness (6 weeks) <i>Agility, Balance & coordination</i> Girls 1 group	Boys 1 Group Water Polo (6 weeks) <i>Keeping Possession, Denying space, Attacking & Defensive tactics & formations</i> Orienteering (6 weeks) <i>Line orienteering</i> Girls 1 group	Boys 1 Group Cricket (6 weeks) <i>Attacking, Defending and tactical awareness</i> Athletics (6 weeks) <i>Running, jumping & throwing</i> Girls 1 group Rounders (6 weeks)	Boys 1 group Tennis/Table Tennis/Badminton (6 weeks) <i>Attacking Defending and tactical awareness</i> Swimming (6 weeks) <i>Breaststroke/Butterfly development & water safety</i> Girls 1 group

	<i>Keeping Possession, Denying space, Attacking & Defensive tactics & formations</i> Orienteering (6 weeks) <i>Line orienteering</i> Boys & Girls 2 group FUNDamental Skills (6 weeks) <i>Throwing & catching skills, movement skills, agility, balance, coordination</i> Swimming (6 weeks) <i>Front Crawl & Backstroke development</i>	Girls 1 group Basketball (6 weeks) <i>Keeping Possession, Denying space, Attacking & Defensive tactics & formations</i> Gymnastics (6 weeks) <i>Sports Acro</i> Boys & Girls 2 group Handball (6 weeks) <i>Keeping Possession, Denying space, Attacking & Defensive tactics & formations</i> Orienteering (6 weeks) <i>Line orienteering</i>	Water Polo (6 weeks) <i>Keeping Possession, Denying space, Attacking & Defensive tactics & formations</i> Swimming (6 weeks) <i>Front Crawl & Backstroke development</i> Boys & Girls 2 group Dance (6 weeks) <i>Thriller/Diversity theme</i> Gymnastics (6 weeks) <i>Sports Acro</i>	Dance (6 weeks) <i>Thriller/Diversity theme</i> Swimming (6 weeks) <i>Breaststroke/Butterfly development & water safety</i> Boys & Girls 2 group Basketball (6 weeks) <i>Keeping Possession, Denying space, Attacking & Defensive tactics & formations</i> Health Related Fitness (6 weeks) <i>Agility, Balance & coordination</i>	<i>Attacking, Defending and tactical awareness</i> Athletics (6 weeks) <i>Running, jumping & throwing development</i> Boys & Girls 2 group Tennis/Table Tennis/Badminton (6 weeks) <i>Attacking, Defending and tactical awareness</i> Swimming (6 weeks) <i>Breaststroke development & water safety</i>	Tennis/Table Tennis/Badminton (6 weeks) <i>Attacking Defending and tactical awareness</i> Health Related Fitness (6 weeks) <i>Agility, Balance & coordination</i> Boys & Girls 2 group Striking & Fielding games (6 weeks) <i>Attacking, Defending and tactical awareness</i> Athletics (6 weeks) <i>Running, Throwing & Jumping Development</i>
RE	Gospel - Radical Jesus	Christianity - Kingdom of God	Judaism and the Holocaust	Christianity - moral debate - Is it right to fight?	Islam in the media	Buddhism

*(Please note there may be changes throughout the year to facilitate meeting the children's needs)