

St Michael's Prep School



Curriculum Overview
Michaelmas Term 2020 - 21
Year 8

Curriculum Overview

Year 8



This document identifies the topics covered across the curriculum in the Michaelmas Term of Year 8. Useful websites for further exploration at home are included and book recommendations are identified in red text.

Subject	Michaelmas Term
Art	<ul style="list-style-type: none">• Beautiful Decay-Observational: Skulls-Alternative Drawing &-Painting Techniques-Research: O'Keffee, Mills-Printing: Etching
DT	<ul style="list-style-type: none">• Skulls - Mixed Media Acrylic Painted Study• Glass Fusion-Research: Designers-Customer profiles-Designs-Exploring glass-Suncatcher-Create Glass coasters-Testing Product-Decorative Packaging-Evaluate and reflect

Group 1: Verbatim Theatre

Drama

Using Faith and Religion as our theme, we will explore through the dramatic medium, thoughts and ideas from real life stories and accounts on the theme, and present them dramatically at the end of the unit.

<http://theatrestyles.blogspot.com/2015/01/verbatim-theatre.html>

<https://shop.nationaltheatre.org.uk/telling-the-truth-how-to-make-verbatim-theatre.html>

English

- **Classic novel**

www.bbc.co.uk/bitesize/ks3/English

www.oxforddictionaries.com/words/spelling

www.timestutorials.co.uk

www.edplace.com

French

- **Revision**

- **Studio 2 – Paris, I love you (Module 2)**

- Saying what I did in Paris

- When I did things

- Understanding information about a tourist attraction

- Saying where I went and how

- Interviewing a suspect

- Directions

- The perfect tense of all verbs

- Asking questions in the perfect tense

- **End of unit tests in writing /listening/reading/speaking**

Geography

- **Population and settlement**
 - Types of settlement
 - Settlement shapes and functions
 - Land use models
 - Population density and change
 - Population control strategies and policies

- **Olympic Park virtual fieldwork project**

<https://www.bbc.com/bitesize/topics/zg7nvcw>

http://www.bbc.co.uk/bitesize/ks3/geography/spaces/settlement_urban/revision/2/

<https://www.oakabooks.co.uk/collections/geography>

History

- Introduction to the Tudors
- Henry VII
- Henry VIII and the Reformation
- Special topic focus: the Rise and changing power of Parliament

www.bbc.co.uk/bitesize/ks3/history/tudors_stuarts

Understanding History 2, Taylor, Shuter, Child & Hodge

History for CE: The Making of the UK 1485-1750 N.R.R. Oulton

bbc.co.uk/bitesize/guides/zbtg87h/revision/3

ICT

Year 8 students work on a carousel and will complete two IT & Computing based projects in the year. In the first half of Michaelmas Term, 8T & 8A will swap between IT & DT every two weeks. Therefore, one week 8T will go to DT then, the following week they will go to IT.

Start of the year:

At the start of the year (either during form time or IT lessons) students will:

- Accessing the school Network – Logins, changing passwords
- 365 Office Environment
- Outlook – Accessing Emails
- Outlook Calendar

- TEAMs – Virtual Lessons
- SeeSaw <https://help.seesaw.me/hc/en-us>
- Logging In
- Check classes – Taking photos/selfie/using the microphone to record messages/add a label and use the pen to write words
- Create a post
- Responding to activities
- One Drive – File Management
- Year 7 Baseline Assessment
- **HALF TERM**
- Bebras Computing Challenges - <http://www.bebas.uk/>

Project 1:

The Student Executive

Students learn a variety of advanced features in different software applications such as:

- MS Word
- MS PowerPoint
- DTP (Desk Top Publisher)
- MS PowerPoint
- Other Presentation software e.g. Sway and Prezi - <https://prezi.com/education/> to present work etc
- Students will design and create their own business documents such as:
 - Letterheads
 - Business Cards
 - Leaflets / Flyers
- Will also use:
 - Mail Merge
 - Bookmark
 - Collaboration
 - Cross Reference

-Comments/Track Changes

- Students will present their findings to an audience using one of the presentation techniques / styles previously taught

Latin

- Awareness of Roman Britain through the school's location. High concentration of Roman habitation at Lullingstone, Crofton, Keston and Saint Mary's Cray. Links with Reculver, Richborough and Dover
- The use of the infinitives
- The six cases of nouns and adjectives
- Agreement of adjectives
- Direct questions and interrogative pronouns
- Weekly research project
- Weekly writing and vocab tests

- Christmas activities

Maths

- Problem solving on 4 operations – multi-step
- Geometry/Measure – Transformations (revise rotation, reflection, translation), enlargement (if not done in Y7)
- Algebra – review Y7 work and x and y graphs, $y=mx+c$, writing equations to solve problems
- Algebra – Quadratic equations and graphs (Level 3 only)
- Geometry/Measure – Review and extend angle chasing, angles in regular polygons, perimeter and area of composite shapes including circle, annulus, applying scale to problems including bearings
- Number – Approximation to sig. figs and decimal places
- Problem solving in all above areas and CE practice questions

Music

Film Music (Diploma Unit 3)

This unit puts pupils in the position of a film soundtrack composer and explores the challenges of soundtrack composition. Pupils explore the emotional impact of music in relation to scenes from film and television when underscoring a scene. They listen to and

create 'leitmotifs' to understand how these can be changed to suit different on-screen situations.

PE

- Pupils create their own struggle & challenge using the concepts learnt in previous years. Creation of circuits focussing on particular aspects of fitness as well as formulating and evolving tactics through game play
- Swimming – Breathing techniques for all strokes. Endurance swimming

PSHE

- Drugs
- Smoking
- Study Skills – Making a plan and sticking to it. What kind of learner are you?
- Alcohol
- Teenage issues and experience

RS

- Miracles
- Pilgrimage
- Discipleship
- The nature of belief, faith and commitment
- Special topic focus: Religious Intolerance

www.biblegateway.com

Religious Studies for Common Entrance – pupil's book

The Christian Experience, Aylett & O'Donnell, Hodder Murray

www.bbc.co.uk/bitesize/subjects/zb48q6f

Science

Biology

- **Digestion:** food groups and balanced diet; structure & function of the digestive system; digestion and enzymes; absorption

<https://www.bbc.co.uk/bitesize/guides/z9pv34j/revision/1> (Digestive system)

<https://www.dkfindout.com/uk/human-body/digestion/> (DK findout!)

- **Breathing:** structure & function of the gas exchange system; mechanism of breathing; impact of exercise

<https://www.bbc.co.uk/bitesize/guides/zq349j6/revision/2> (Gas exchange – pages 2 & 3 only)

<https://www.dkfindout.com/uk/human-body/lungs-and-breathing/> (DK findout!)

- **Respiration:** aerobic respiration; anaerobic respiration in humans; anaerobic respiration in microorganisms; word equations

<https://www.bbc.co.uk/bitesize/guides/zq349j6/revision/1> (Respiration – page 1 only)

Chemistry

- **Metals and Non-Metals:** properties of metals and non-metals; metals, acids and the reactivity series; metals and oxygen; non-metals and oxygen; displacement reactions

<https://www.bbc.co.uk/bitesize/guides/z84wjxs/revision/2> (Metals and non-metals – pg 2 to 4)

<https://www.bbc.co.uk/bitesize/guides/zqwmxbn/revision/1> (Metals – pg 1 to 3)

- **Acids and Alkalis:** pH scale; acids reacting with alkalis; acids reacting with metal carbonates

<http://www.bbc.co.uk/education/guides/zyn3b9q/revision> (Acids and bases)

Physics

- **Light (carried over from Yr 7):** transmitted light; reflection; refraction; lenses; colours

<https://www.bbc.co.uk/bitesize/topics/zw982hv/articles/z27mgdm> (What are light waves?)

<https://www.bbc.co.uk/bitesize/guides/zq7thyc/revision/1> (Light waves)

<https://www.bbc.co.uk/bitesize/topics/zw982hv/articles/z7rtng8> (What is colour?) <https://www.dkfindout.com/uk/science/light/> (DK findout)

- **Forces and Energy:** contact forces; pressure; work

<https://www.bbc.co.uk/bitesize/guides/zttfyrd/revision/1> (Forces)

<https://www.bbc.co.uk/bitesize/guides/zssbgk7/revision/1> (Pressure)

Useful resources for a variety of subject areas: www.espresso.co.uk (Log in details = ID: Student32965, Password: password1)
Information relating to national curriculum expectations: <https://www.gov.uk/national-curriculum/overview>



Structure of the day:

	3&4	5&6	7&8
0800	Drop Off	Drop Off	Drop Off
0805	Registration (then dismissal to p.1)	Registration (then dismissal to p.1)	Registration (then dismissal to p.1)
0810			
0815	1	1	1
0820			
0825			
0830			
0835			
0840			
0845			
0850			
0855			
0900			
0905			
0910	2	2	2
0915			
0920			
0925			
0930			
0935			
0940			
0945			
0950	3	3	3
0955			
1000			
1005			
1010			
1015	Break time	FT/ Assembly	Break time
1020			
1025			
1030			
1035			
1040			
1045			
1050	FT/ Assembly	Break time	FT/ Assembly
1055			
1100			
1105			
1110			
1115			
1120	4	4	4
1125			
1130			
1135			
1140			
1145			
1150			
1155			
1200	5	5	5
1205			
1210			
1215			
1220			
1225	HANDWASH		
1230	To playground then Food collection/ eating slot (25mins)	6	6
1235			
1240			
1245			
1250			
1255			
1300			
1305	Play ground	To Sports Hall then Food collection/ eating slot (25mins)	Tennis Cts
1310			
1315			
1320			
1325			
1330	HANDWASH		HANDWASH
1335	Registration		
1340		Play ground	To Sports Hall then Food collection/ eating slot (25mins)
1345			
1350	6		Tennis Cts
1355			
1400			
1405			
1410			
1415			
1420			
1425	7	7	7
1430			
1435			
1440			
1445			
1450			
1455			
1500	8	8	8
1505			
1510			
1515			
1520			
1525			
1530			
1535			
1540	9	9	9
1545			
1550			
1555			
1600			