

St Michael's Prep School



**Curriculum Overview**  
**Michaelmas Term 2020-21**  
**Year 5**

## Curriculum Overview

### Year 5



This document identifies the topics covered across the curriculum in the Michaelmas Term of Year 5. 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"><li>• <b>Still Life</b> -Tonal techniques – exploration of Chardin and Morandi</li> <li>• <b>Flower Painting</b></li> <li>• <b>Hidden objects</b> -Hand in the landscape -Footprints in the sand</li></ul> <p><a href="http://www.kids.tate.org.uk/">www.kids.tate.org.uk/</a> <a href="http://www.moma.org/">www.moma.org/</a> <a href="http://www.nationalgallery.org.uk/">www.nationalgallery.org.uk/</a> <a href="http://www.haringkids.com/">www.haringkids.com/</a></p>
DT	<ul style="list-style-type: none"><li>• <b>Origami: Paper Animal Projects</b> -Research -Design -Exploration of paper folding techniques -Create a 3-D paper animal sculpture</li></ul>

Drama	<ul style="list-style-type: none"> <li>• <b>Physical Theatre- 3 Rooms SOW</b></li> </ul>
English	<ul style="list-style-type: none"> <li>• Myths and Legends</li> <li>• The Lady of Shalott</li> </ul> <p><a href="http://www.bbc.co.uk/bitesize/ks2/English">www.bbc.co.uk/bitesize/ks2/English</a></p> <p><a href="http://www.bbc.co.uk/skillswise/topic-group/spelling">www.bbc.co.uk/skillswise/topic-group/spelling</a></p> <p><a href="http://www.theschoolrun.com">www.theschoolrun.com</a></p> <p><a href="http://www.timestutorials.co.uk">www.timestutorials.co.uk</a></p> <p><a href="http://www.edplace.com">www.edplace.com</a></p> <p><a href="http://www.funbrain.com">www.funbrain.com</a></p>
French	<ul style="list-style-type: none"> <li>• <b>Following Accès Studio, revising and reinforcing all the Y3 and Y4 topics, with weekly vocabulary tests</b></li> <li>• <b>Accès Studio (first third)</b></li> </ul> <p><b>Topics: greetings, numbers to 21, birthdays, school and my school bag, my classroom, what I like and dislike, colours.</b></p> <ul style="list-style-type: none"> <li>• <b>Introduction to grammar:</b> definite, indefinite articles, plurals, adjectives</li> </ul> <p>Introduction to cognates</p> <ul style="list-style-type: none"> <li>• <b>End of unit tests in writing /listening/reading</b></li> <li>• <b>Christmas activities</b></li> </ul>
Geography	<ul style="list-style-type: none"> <li>• <b>Global knowledge (World)</b></li> </ul> <p>-Know where places are across the World – countries, physical and human geography.</p> <p>-Different climate zones – Rainforest, polar, desert.</p> <p>-Tmezones</p> <p><a href="http://www.bbc.co.uk/bitesize/ks3/geography/geographical_enquiry/geographical_skills/revision/6/">http://www.bbc.co.uk/bitesize/ks3/geography/geographical_enquiry/geographical_skills/revision/6/</a></p>

## History

- **Ancient Greece**
  - **Life in Ancient Greece**
- [www.bbc.co.uk/schools/primaryhistory/ancient\\_greeks/](http://www.bbc.co.uk/schools/primaryhistory/ancient_greeks/)  
[Ancient Greece, Folens Primary History](#)

## ICT

- 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 5 Baseline Assessment
- HALF TERM**
- Bebras Computing Challenges - <http://www.bebbras.uk/>
  - Word Processing – Keyboard Shortcuts and Cheat Sheets
  - Ms Excel – Sweet Shop Exercise
  - Students will be refreshed on how to use basic formulas in MS Excel
  - They will learn how to present data in a graphical context and will use different graphs to compare how data can be explored in different formats.
  - They will look at modelling data through filters and sorting data in ascending and descending order.
  - Students will insert various functions and formulas such as SUM / AVERAGE / MAX / MIN, IF Statements / COUNTIF and a Conditional Format.
  - Students will have the opportunity to review their spreadsheet and add more complex formulas to help test various hypotheses.

- <http://www.bbc.co.uk/guides/z83wjxs>
  - [http://www.teach-ict.com/ks3/year7/spreadsheets\\_modelling/miniweb/index.htm](http://www.teach-ict.com/ks3/year7/spreadsheets_modelling/miniweb/index.htm)
- (CATs testing will take place W/C Monday 28<sup>th</sup> September)*

## Maths

- **Number:** use place value to order and round whole numbers and decimals, work with negative numbers and Roman numerals to M (1000), perform mental and written addition and subtraction including money, perform mental and written multiplication and division (short), identify factors and multiples, use halving and divisibility rules (10,5,2,4), identify and recall square, cube and prime numbers
- **Statistics:** interpret and use information presented in a line graph, read information from tables including timetables
- **Measure:** calculate area and perimeter of rectangles (use formulae) and compound shapes and find missing dimensions, estimate area of irregular shapes
- **Geometry:** recognise 2D shapes, distinguish between regular and irregular polygons, use properties of rectangles to find missing dimensions/angles
- **Reason and solve problems in all above areas**

<http://www.mymaths.co.uk>

<http://www.bbc.co.uk/education/subjects/zqhs34j>

<http://nrich.maths.org/primary-upper>

*Mrs J Rules – simple self-help maths book*

*Maths Dictionary by Peter Robson – helpful for all pupils for reference and to assist parents in keeping up with maths terminology*

## Music

### **Samba!**

This unit introduces the polyrhythmic style of Latin-American Samba. Pupils will learn about standard Samba instruments and patterns, and will compose their own pieces based around these.

Concepts include:

- Cyclic Rhythms
- Polyrhythms
- Syncopation
- Call and Response

<b>PE</b>	<ul style="list-style-type: none"> <li>• Consolidating knowledge of struggle &amp; challenge as a concept both physically and mentally using extensive SAQ and co-ordination drills. Introduction to the concept of creating struggle for physical growth through circuits and fitness exercises.</li> <li>• Swimming-introduction to breast stroke-arm pull and led kick. Stroke technique for all strokes. Breathing. Water safety.</li> </ul>
<b>PSHE</b>	<ul style="list-style-type: none"> <li>• Wellbeing - Developing your Growth Mindset (GG)</li> <li>• Safety in the Community and Home/ Stranger Danger</li> <li>• Road safety</li> <li>• Rich World, Poor World</li> </ul>
<b>RS</b>	<ul style="list-style-type: none"> <li>• Brahman and the Nature of God in Hinduism</li> <li>• The human soul</li> <li>• Gods and their stories</li> <li>• Evaluating the truth the Christmas story</li> <li>• The Meaning of the Magic</li> </ul> <p><a href="http://www.bbc.co.uk/education/topics/zh86n39/resources/1">www.bbc.co.uk/education/topics/zh86n39/resources/1</a>  <i>The Usborne Book of World Religions, Meredith</i></p>
<b>Science</b>	<ul style="list-style-type: none"> <li>• <b>Forces: gravity, friction, air resistance, water resistance, simple machines</b></li> </ul> <p><a href="http://www.espresso.co.uk">http://www.espresso.co.uk</a> (KS2 Science Forces)  <a href="http://www.bbc.co.uk/education/topics/znmmn39">http://www.bbc.co.uk/education/topics/znmmn39</a> (Forces and motion)  <a href="https://www.dkfindout.com/uk/science/forces-and-motion/">https://www.dkfindout.com/uk/science/forces-and-motion/</a> (DK findout!)  <a href="https://www.dkfindout.com/uk/science/simplemachines/">https://www.dkfindout.com/uk/science/simplemachines/</a> (DK findout!)  CGP KS2 Science Year 5 Workout: Forces &amp; Mechanical Devices  <a href="https://www.cgpbooks.co.uk/primary-books/ks2/science/s5d22-ks2-science-year-five-workout-forces-me">https://www.cgpbooks.co.uk/primary-books/ks2/science/s5d22-ks2-science-year-five-workout-forces-me</a></p>

- **Materials: properties of materials and their uses, dissolving, solutions, separating mixtures, reversible and non-reversible changes.**

<http://www.espresso.co.uk> (KS2 Science Materials) & (KS2 Science Investigating change)

<http://www.bbc.co.uk/education/topics/zcvv4wx> (Changing materials)

<https://www.dkfindout.com/uk/science/materials/> (DK findout!)

CGP KS2 Science Year 5 Workout: Properties & Changes of Materials

<https://www.cgpbooks.co.uk/primary-books/ks2/science/s5b22-ks2-science-year-five-workout-properties>

- **Working Scientifically: practical scientific methods, processes and skills are taught as an integral part of all the Year 5 topics.**

<https://www.bbc.co.uk/bitesize/topics/zqkk7ty>

(Working scientifically)

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

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# Structure of the day:



	3&4	5&6	7&8
0800			
0805	Drop Off	Drop Off	Drop Off
0810			
0815	Registration <small>(then dismissal to p.1)</small>	Registration <small>(then dismissal to p.1)</small>	Registration <small>(then dismissal to p.1)</small>
0820			
0825			
0830			
0835	1	1	1
0840			
0845			
0850			
0855			
0900			
0905			
0910			
0915	2	2	2
0920			
0925			
0930			
0935			
0940			
0945			
0950	3	3	3
0955			
1000			
1005			
1010			
1015			
1020	Break time	FT/ Assembly	Break time
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	HANDWASH		
1225			
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		
1335	Registration		
1340			
1345			
1350	6	Play ground	To Sports Hall then Food collection/ eating slot (25mins)
1355			
1400			Tennis Cts
1405			
1410			
1415			
1420			
1425			
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			