

# FORM 7 CURRICULUM

## Michaelmas 2024



ST PHILIP'S SCHOOL

SUBJECT	TOPICS	RESOURCES /TEXTS
<p><b>English</b></p>	<p>Through study of our class text, boys will work on the following:</p> <p><b>Reading skills</b></p> <ul style="list-style-type: none"> <li>• Developing deeper inference skills</li> <li>• Analysing character development</li> <li>• Identifying language techniques</li> <li>• Embedding and explaining quotations</li> <li>• Structuring longer answers</li> <li>• Identifying themes and symbols in a text</li> <li>• Analysing structure (<i>poetry specific</i>)</li> </ul> <p><b>Writing</b></p> <p>A range of writing types will be covered, including:</p> <ul style="list-style-type: none"> <li>• Creative</li> <li>• Descriptive</li> <li>• Discursive</li> <li>• Monologue</li> <li>• Diary entry</li> </ul> <p>Contact: <a href="mailto:m.fowler@stpschool.co.uk">m.fowler@stpschool.co.uk</a></p>	<p><i>Skellig</i> by David Almond</p> <p>Various poems by William Blake, including:</p> <ul style="list-style-type: none"> <li>• The Angel</li> <li>• The Schoolboy</li> <li>• The Tyger</li> <li>• Night</li> </ul> <p>Accelerated Reader</p>
<p><b>Mathematics</b></p>	<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>• Revise L.C.D method for adding and subtracting fractions</li> </ul>	<p>We will use the following resources:</p>

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	<ul style="list-style-type: none"><li>• Add and subtract mixed numbers by making them top heavy</li><li>• Multiplying and dividing mixed numbers</li><li>• Problems involving mixed numbers</li></ul> <p><b>Speed, distance and time calculations</b></p> <ul style="list-style-type: none"><li>• Use the three formulae to solve problems involving speed, distance and time</li></ul> <p><b>Straight line graphs</b></p> <ul style="list-style-type: none"><li>• Using a given function calculate and plot co-ordinates</li><li>• Demonstrate that a straight line can be drawn using gradient and intercept</li></ul> <p><b>Approximations</b></p> <ul style="list-style-type: none"><li>• Preparation for the circles topic</li><li>• Approximate a number to significant figures or decimal places</li><li>• Standard form</li></ul> <p><b>Circles</b></p> <ul style="list-style-type: none"><li>• Know the parts of a circle and that the circumference of any circle is about three times as long as its diameter</li><li>• Work out circumference of a circle using calculator</li><li>• Work out the area of a circle and sector using calculator</li></ul> <p><b>More advanced percentages</b></p>	<p>St. Philip's maths booklets</p> <p>Atom Learning</p> <p>Century Tech</p> <p>MyMaths</p> <p>Maths Genie GCSE worksheets</p>
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	<ul style="list-style-type: none"><li>• Finding x% of an amount</li><li>• Expressing one amount as a percentage of another</li><li>• Percentage profit and loss</li></ul> <p>Contact: <a href="mailto:m.walters@stpschool.co.uk">m.walters@stpschool.co.uk</a></p>	
Science	<p><b>Energy and Energy Transfers</b></p> <ul style="list-style-type: none"><li>• Renewable and non-renewable energy resources</li><li>• How important is the Sun?</li><li>• Generating electricity</li><li>• Energy transfers</li><li>• Conservation of energy</li></ul> <p><b>Particles: Atoms, elements and compounds</b></p> <ul style="list-style-type: none"><li>• Solids, liquids and gases</li><li>• What is Brownian motion and diffusion</li><li>• The changes of state</li><li>• The simple (Dalton) atomic model</li><li>• Chemical symbols and formulae for elements and compounds</li><li>• The differences between atoms, elements and compounds</li><li>• The physical properties of elements and compounds</li></ul> <p>Contact: <a href="mailto:r.mannering@stpschool.co.uk">r.mannering@stpschool.co.uk</a></p>	<p><u><a href="#">Curriculum</a></u></p> <p>Topic booklet: Energy and Energy Transfers</p> <p>Topic booklet: Particles: Atoms, elements and compounds</p> <p><u><a href="#">Century Tech</a></u></p>

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<b>French</b>	<ul style="list-style-type: none"><li>• Classroom language</li><li>• Re-cap of numbers, dates and times</li></ul> Topics: <ul style="list-style-type: none"><li>• Home and family</li><li>• School and jobs</li><li>• Introducing the perfect tense with the verb <i>avoir</i></li><li>• Verbs in immediate future and conditional tenses</li></ul> Contact: <a href="mailto:f.schirone@stpschool.co.uk">f.schirone@stpschool.co.uk</a>	Exercises books Topic booklets
<b>History</b>	<b>General history skills</b> <i>Essay</i> <ul style="list-style-type: none"><li>• Organization of arguments</li><li>• The importance of balance</li><li>• Also: plans, introductions, conclusions</li></ul> <i>Evidence</i> <ul style="list-style-type: none"><li>• Source provenance and comparison</li><li>• Use of sources to support opinions</li><li>• The importance of balance</li></ul> <b>The Norman Conquest</b> <ul style="list-style-type: none"><li>• Battle of Hastings 1066</li></ul>	<i>History for Common Entrance 13+</i> (Galore Park, 2021) Collier, M. & Rees, R.  St Philip's info-sheets and presentations

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	<ul style="list-style-type: none"><li>• England during the reign of William the Conqueror</li><li>• Methods of control</li><li>• Life in villages and the countryside</li><li>• The position of women in medieval society</li></ul> <p><b>Post Norman Conquest</b></p> <ul style="list-style-type: none"><li>• Henry II and Thomas Becket</li><li>• King John and Magna Carta</li></ul> <p><b>Contact:</b> <a href="mailto:i.tanna@stpschool.co.uk">i.tanna@stpschool.co.uk</a></p>	
<b>Geography</b>	<p><b>Ordnance Survey map skills</b></p> <ul style="list-style-type: none"><li>• Symbols</li><li>• Compass directions</li><li>• Four and six-figure grid references</li><li>• Contour lines and spot heights</li><li>• Distance and area</li></ul> <p><b>Plate tectonics</b></p> <ul style="list-style-type: none"><li>• The Earth's structure</li><li>• Difference between continental crust and oceanic crust</li><li>• Causes of plate movement</li><li>• Constructive and destructive plate boundaries</li><li>• Global distribution of volcanoes and earthquakes</li></ul>	Various OS map extracts and worksheets  <a href="#">CE Geography textbook</a> (Galore Park, 2021)

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	<ul style="list-style-type: none"><li>• The nature and causes of volcanic eruptions and earthquakes</li><li>• The effects of and responses to volcanic eruptions and earthquakes</li></ul> <p>Contact: <a href="mailto:p.whittock@stpschool.co.uk">p.whittock@stpschool.co.uk</a></p>	
<b>Classics</b>	<p><b>Latin</b></p> <ul style="list-style-type: none"><li>• Level 1 revision of verb tenses (present, imperfect, perfect)</li><li>• Infinitives and imperatives</li><li>• -ne questions</li><li>• 1<sup>st</sup> and 2<sup>nd</sup> declension nouns</li><li>• Introduction to the 3<sup>rd</sup> declension (nouns)</li><li>• Vocabulary (level 1 + 2)</li><li>• Introduction to Future Tense of Verbs</li></ul> <p><b>Myths:</b></p> <ul style="list-style-type: none"><li>• Hercules and the 12 Labors</li></ul> <p>Contact: <a href="mailto:t.vogiatzis@stpschool.co.uk">t.vogiatzis@stpschool.co.uk</a></p>	Latin Practice Exercises Level 1 + 2: R.C. Bass
<b>RS</b>	<p><b>The New Testament (Theology)</b></p> <ul style="list-style-type: none"><li>• The Birth Narratives – John the Baptist, the Annunciation, the Visitation, the Birth of Jesus, the Wise Men and Jesus childhood.</li><li>• Jesus Baptism</li></ul>	St Philp's info-sheets

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- The Temptations in the Wilderness.
- The Wedding at Cana
- Feeding of the 5,000, Calming of the Storm and the Healing of the Paralysed Man.
- Miracles – do they happen today?

### **The Sacraments (Religion)**

- Baptism – the first of the sacraments
- Effects of Baptism – Original Sin – life of Grace
- The Rite
- Symbols and signs

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