

# FORM 7 CURRICULUM

## Lent 2025



ST PHILIP'S SCHOOL

SUBJECT	TOPICS	RESOURCES /TEXTS
English	<p><b>Reading skills</b></p> <ul style="list-style-type: none"><li>• developing inference skills</li><li>• identifying and explaining key quotations</li><li>• describing connotations and the effect of language</li><li>• identifying tone and atmosphere</li><li>• understanding characterisation in a text</li><li>• identifying and explaining language and devices</li><li>• understanding the importance of biographical, historical and political context</li><li>• understanding theme</li><li>• unpicking allegorical significance</li></ul> <p><b>Writing skills</b></p> <ul style="list-style-type: none"><li>• descriptive writing</li><li>• story writing</li><li>• article writing</li><li>• persuasive writing</li><li>• writing in character</li><li>• humorous writing</li></ul> <p>Contact: <a href="mailto:m.fowler@stpschool.co.uk">m.fowler@stpschool.co.uk</a></p>	<p><i>Animal Farm</i> by George Orwell</p> <p><i>Aesop's Fables</i></p> <p><i>Still I Rise</i> by Maya Angelou</p> <p><i>A Case of Murder</i> by Vernon Scannell</p>
Mathematics	<p><b>Forming equations</b></p> <ul style="list-style-type: none"><li>• forming expressions such as “3 more than x” and “twice x”</li></ul>	<p><a href="http://www.MyMaths">www.MyMaths</a></p> <p>St. Philip's Maths booklets</p>

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	<ul style="list-style-type: none"><li>• Find the missing number by forming and solving an equation</li><li>• forming expressions for perimeter and form equations</li><li>• complex problems such as those involving ages</li></ul> <p><b>More advanced angle calculations</b></p> <ul style="list-style-type: none"><li>• Revision of angle facts learnt in Form 5 and 6</li><li>• Use Common Entrance papers and Maths Genie to challenge with more complicated angle calculations</li></ul> <p><b>More advanced polygon calculations</b></p> <ul style="list-style-type: none"><li>• Revision of polygon facts learnt in Form 6</li><li>• Challenging questions taken from Common Entrance and GCSE</li></ul> <p><b>Advanced areas</b></p> <ul style="list-style-type: none"><li>• areas of rectangles, triangles, trapeziums, kites and parallelograms</li><li>• advanced areas and more complicated composite shapes</li><li>• surface areas of solids</li></ul> <p><b>Advanced volumes</b></p> <ul style="list-style-type: none"><li>• volumes of cuboids, prisms, cones and spheres.</li><li>• volume problems</li></ul> <p><b>Contact:</b> <a href="mailto:m.walters@stpschool.co.uk">m.walters@stpschool.co.uk</a></p>	<p>Atom Learning</p> <p>Century Tech</p> <p>MathsGenie GCSE worksheets</p> <p>CorbettMaths worksheets</p>
<b>Science</b>	<b>Physical changes</b>	

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	<ul style="list-style-type: none"><li>• The concept of a pure substance</li><li>• The identification of pure substances</li><li>• To relate changes of state to energy transfers</li><li>• Conservation of mass for physical changes</li><li>• Mixtures</li><li>• The composition of the atmosphere</li><li>• Separating mixtures</li><li>• Solubility</li></ul> <p><b>Chemical changes</b></p> <ul style="list-style-type: none"><li>• is mass conserved during a chemical change?</li><li>• what are combustion reactions?</li><li>• what is the impact of carbon dioxide on the environment?</li><li>• what are thermal decomposition reactions?</li><li>• which metals are the most reactivity?</li><li>• what is the reactivity series?</li><li>• how can we use carbon to extract metals from their ores?</li><li>• what are acids and alkalis?</li><li>• what is a neutralisation reaction?</li><li>• what is the pH scale?</li><li>• what are the acid/base properties of metal oxides and non-metal oxides?</li><li>• what is the effect of acidity on the environment?</li></ul> <p><b>Contact:</b> <a href="mailto:r.mannering@stpschool.co.uk">r.mannering@stpschool.co.uk</a></p>	<p>Common Entrance 13+ Science for ISEB CE and KS3 - Ron Pickering</p> <p><a href="#">Science Syllabus</a></p>
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<b>French</b>	<p><b>Perfect tense</b></p> <ul style="list-style-type: none"><li>• etre, avoir and irregular verbs</li><li>• construction</li><li>• irregular verbs</li><li>• town, shopping, food and drink</li><li>• free time, hobbies and sports</li><li>• perfect tense with etre and common irregular</li><li>• past papers practice L2</li></ul> <p><b>The imperfect tense</b> (if time allows)</p> <ul style="list-style-type: none"><li>• construction</li><li>• deployment</li><li>• using the perfect and imperfect together</li></ul> <p><b>Contact:</b> <a href="mailto:h.skelly@stpschool.co.uk">h.skelly@stpschool.co.uk</a></p>	Teacher's material ISEB syllabus <a href="#">Mr Schirone's website</a> Linguascope <a href="http://www.linguasorb.com">www.linguasorb.com</a>
<b>History</b>	<p><b>General history skills</b></p> <p><i>Essay</i></p> <ul style="list-style-type: none"><li>• Organization of arguments</li><li>• The importance of balance</li><li>• Also: plans, introductions, conclusions</li></ul> <p><i>Evidence</i></p> <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>	<p><i>History for Common Entrance 13+</i> (Galore Park, 2021) Collier, M. &amp; Rees, R.</p> <p>ISEB Revision Guide</p> <p>St Philip's info-sheets and presentations</p>

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	<p><b>The Crusades</b></p> <ul style="list-style-type: none"><li>• Causes, events and consequences</li><li>• Fulcher of Chartres</li><li>• The First Crusade and the fall of Jerusalem</li><li>• The Second Crusades</li><li>• Richard I, Saladin, and the Third Crusade</li></ul> <p><b>Life in the Middle Ages</b></p> <ul style="list-style-type: none"><li>• Role of the Church in the Middle Ages</li><li>• Minorities: Jews and women</li><li>• Health and medicine</li><li>• Parish Life</li></ul> <p><b>Contact:</b> <a href="mailto:i.tanna@stpschool.co.uk">i.tanna@stpschool.co.uk</a></p>	
<p><b>Geography</b></p>	<p><b>Plate tectonics</b> (continued from Michaelmas term)</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><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><a href="#">CE Geography textbook</a> (Hodder Education, 2021)</p>

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	<p><b>Weather and climate</b></p> <ul style="list-style-type: none"><li>• The difference between weather and climate</li><li>• How weather/climate can impact human lives and economic activity</li><li>• Hazards associated with global warming (eg drought, hurricanes)</li><li>• The Earth's main climate zones: understand how latitude influences climates around the world</li><li>• The water cycle: evaporation, transpiration, condensation, precipitation, interception, surface run-off, infiltration, throughflow</li><li>• How <u>temperatures</u> around Britain in summer and winter are influenced by latitude, altitude, the North Atlantic Drift and the Earth's tilt in relation to the Sun</li><li>• The three types of rainfall: relief, convectional, frontal</li><li>• How <u>rainfall</u> around Britain is affected by altitude, the Jet Stream and high summer temperatures in the south</li><li>• Factors that can create a microclimate</li></ul> <p>Contact: <a href="mailto:p.whittock@stpschool.co.uk">p.whittock@stpschool.co.uk</a></p>	
<p><b>Latin</b></p>	<p><b>Grammar</b></p> <p>This term students will be making a start on Level 2 Latin topics.</p> <ul style="list-style-type: none"><li>• Review of Level 1 verb tenses.</li><li>• Introduction to the 3<sup>rd</sup> declension of nouns</li></ul>	<p><i>Latin for Common Entrance Two</i> <i>Latin Practice Exercises 2</i> <i>Latin Vocabulary and Grammar</i> <i>(Referenda)</i></p>

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	<ul style="list-style-type: none"><li>• The future tense</li><li>• The pluperfect Tense</li><li>• The 3<sup>rd</sup> person pronoun 'is, ea, id'</li><li>• Revision of 1<sup>st</sup> and 2<sup>nd</sup> person pronouns</li><li>• Irregular verbs: SUM, POSSUM, ADSUM, ABSUM</li></ul> <p><b>Vocabulary</b></p> <ul style="list-style-type: none"><li>• Students will be continuing to learn vocabulary from our Lent term vocabulary lists. This list covers Level 1 and 2.</li><li>• Students have access to Quizlet and Memrise. Blooket is also used in class.</li></ul> <p><b>Contact:</b> <a href="mailto:j.gardiner@stpschool.co.uk">j.gardiner@stpschool.co.uk</a></p>	
<b>RS</b>	<p><b>Religion: The Liturgical Year</b></p> <ul style="list-style-type: none"><li>• Advent and Christmas</li><li>• Epiphany</li><li>• Lent and Holy Week</li><li>• The Sacred Triduum</li></ul> <p><b>Theology: Forgiveness</b></p> <ul style="list-style-type: none"><li>• Parable of the Prodigal Son</li><li>• Parable of the Lost Sheep</li><li>• Zacchaeus</li></ul> <p><b>Sacrament of Penance</b></p> <ul style="list-style-type: none"><li>• Confession as a moment of healing</li></ul>	Notes in RS exercise book In-house booklets

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	<p><b>Other topics</b></p> <ul style="list-style-type: none"><li>• prayer, fasting and almsgiving</li><li>• Stations of the Cross</li><li>• Moses, a Man of Faith</li></ul> <p><b>Philosophy</b></p> <ul style="list-style-type: none"><li>• Introduction to Philosophy</li><li>• Socrates, Plato, Aristotle</li><li>• The Allegory of the Cave</li></ul> <p><b>Contact:</b> <a href="mailto:i.tanna@stpschool.co.uk">i.tanna@stpschool.co.uk</a></p>	
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