

FORM 8 CURRICULUM

Michaelmas 2024



ST PHILIP'S SCHOOL

SUBJECT	TOPICS	RESOURCES /TEXTS
English	<p>Reading skills</p> <ul style="list-style-type: none">• developing inference skills• identifying and explaining key quotations• identifying themes and symbols• describing connotations and the effect of language• identifying tone and atmosphere• understanding characterisation in a text• identifying and explaining language techniques and devices• introducing pupils to Shakespeare's form and structure <p>Writing skills</p> <ul style="list-style-type: none">• writing for a practical purpose• planning effectively• using language to suit the purpose and audience• writing to describe and entertain• drafting and editing writing <p>Contact: m.fowler@stpschool.co.uk</p>	<p><i>A Midsummer Night's Dream</i> by William Shakespeare</p> <p>Various poetry, including:</p> <ul style="list-style-type: none">• 'To a Daughter Leaving Home' by Linda Pastan• 'Forest' by Carol Ann Duffy• 'Children in Wartime' by Isobel Thrilling• 'Love and Friendship' by Emily Brontë
Mathematics	Mathematics lessons will generally involve some revision of topics covered over the last few years, and practice of Common Entrance papers and scholarship questions.	Resources: www.MyMaths.co.uk

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	<p>Level 3 (Additional paper)</p> <ul style="list-style-type: none">• Introduction to Pythagoras' theorem• Re-arranging formulae - Level 3 practice• Drawing straight line graphs using gradient and intercept• Re-arranging equations where necessary• Solving simultaneous equations. Using elimination method• Solving simultaneous equations using substitution method• More advanced equations containing more than one fraction• Solving equations by the trial and improvement method• Standard index form. <p>Level 2</p> <ul style="list-style-type: none">• Equations.• Simplifying algebraic expressions• Substitution. Factorising. Forming equations• Transformations. Reflecting, rotating, translating and enlarging• Sequences. nth term. Sequences such as $T_n = 3n - 1$• Straight line graphs• Circles: areas and circumference of circles concentrating on problem solving• Areas and volumes: areas of rectangular and triangular shapes, volumes of cuboids and prisms.	<p>St. Philip's Maths booklets</p> <p>Past Common Entrance papers</p> <p>Maths Genie GCSE worksheets</p>
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	<ul style="list-style-type: none">• Angle calculations: polygons - regular and irregular - including quadrilaterals• Conversion line: using a line to convert from one unit to another <p>Contact: m.walters@stpschool.co.uk</p>	
Science	<p>Variation, classification and inheritance</p> <ul style="list-style-type: none">• The 5 kingdoms.• Arthropod groups.• Vertebrate groups.• Continuous and discontinuous variables. <p>Forces and Motion</p> <ul style="list-style-type: none">• Calculating speed.• Relative speed of moving objects.• The unit of force.• Weight = mass x gravitational field strength (g)• Where do forces come from?• The effects of forces.• The effects of friction and air resistance.• Balanced and unbalanced forces.• Force diagrams.	<p>This year, will be using the following text book - Science</p> <p>Curriculum</p> <p>Topic booklet: Variation, classification and inheritance</p> <p>Topic booklet: Forces and Motion</p> <p>Topic Booklet: More Forces</p> <p>Century Tech</p>

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	<p>Pressure</p> <ul style="list-style-type: none">• the quantitative relationship between force, area and pressure• the unit of pressure is N/cm^2 or N/m^2• how to use the relationship for simple quantitative work• recognise applications of pressure, e.g. skis, snowboards, sharp objects <p>Density</p> <ul style="list-style-type: none">• the relationship between density, mass and volume and how to use this for simple quantitative work• the unit of density is kg/m^3 or g/cm^3• how to measure the density of regularly-shaped solids and of irregularly-shaped solids (using the displacement of water to find a volume), and of liquids• air has mass and that it is possible to measure its density <p>Contact: r.manning@stpschool.co.uk</p>	
<p>French</p>	<ul style="list-style-type: none">• Re-cap of Form 7 topics <p>Topics:</p> <ul style="list-style-type: none">• Self and Others• Free time <p>Revision of verbs' tenses</p> <p>Contact: f.schirone@stpschool.co.uk</p>	<p>Exercise books Topic booklets</p>

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History	<p>General history skills</p> <p><i>Essay</i></p> <ul style="list-style-type: none">• Organization of arguments• The importance of balance• Also: plans, introductions, conclusions <p><i>Evidence</i></p> <ul style="list-style-type: none">• Source provenance and comparison• Use of sources to support opinions.• The importance of balance <p>The Tudors</p> <ul style="list-style-type: none">• Henry VIII<ul style="list-style-type: none">○ Cardinal Wolsey○ Henry's Great Matter○ Reformation Parliament○ Dissolution of the monasteries○ Pilgrimage of Grace• Mary I and the Catholic resurgence• Elizabeth I and the religious settlement• Elizabethan government and the Poor Laws <p>Topics in bold are CE examination topics</p> <p>Contact: i.tanna@stpschool.co.uk</p>	<p><i>History for Common Entrance 13+</i> (Galore Park, 2021) Collier, M. & Rees, R.</p> <p>ISEB Revision Guide</p> <p>St Philip's info-sheets and presentations</p>
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Geography	Population & settlement <ul style="list-style-type: none">• Understand how and why population density varies on national and global scales• Understand how and why a country's population can change due to birth/death rates and net migration• Global population explosion: appreciate the immediate and long-term effects• Migration: push and pull factors• Settlement: know the natural features that historically made a good site for building• Settlement hierarchy: understand the differences between settlements of different sizes• Urban management & sustainability: appreciate how towns and cities can be made attractive and healthy for their population whilst protecting the environment Half-term <ul style="list-style-type: none">• Boys will work on their urban sustainability projects (Olympic Park fieldtrip the week before) Contact: p.whittock@stpschool.co.uk	CE Geography textbook (Galore Park)
Classics	Latin:	- Latin Practice Exercises: Level 1, 2, 3 RC Bass.

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	<ul style="list-style-type: none">• Revision of Level 1 and 2 topics• Comparative and superlative adjectives• Irregular comparison of adjectives• The irregular verb 'possum'• The demonstrative adjective/pronoun is ea id.• The reflexive pronoun <p>Contact: j.gardiner@stpschool.co.uk</p>	-
RS	Theology & Religion <ul style="list-style-type: none">• The Sacraments – Holy Mass and Confirmation• Christology – the early life of Jesus and the importance of Jewish Culture and life on His upbringing• New Testament – religious characters and their influence on daily life and society, the synagogue and temple in Jerusalem. <p>Much of the first part of term will be spent preparing for Confirmation by looking at the work of the Holy Spirit in the life of the Church and our lives, Grace, becoming full members of the church, the nature of the Sacrament, the rite and signs and symbols. This links to the Roman Catholic religion section of the CE paper.</p> <p>Contact: i.tanna@stpschool.co.uk</p>	<p><i>Theology and Philosophy for Common Entrance 13+</i> (Hodder, 2018) Susan Grenfell</p> <p>ISEB Revision Guide</p> <p>St Philip's info-sheets and presentations</p>

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