

## Hinchingsbrooke Curriculum at a Glance

AUTUMN 1	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13
<b>English</b>	<b>Greek myths: The Odyssey</b> Skills- Writing	<b>WW1 Poetry</b> Skills- Reading	<b>Of Mice and Men</b> Skills- Reading Lang p1	<b>19<sup>th</sup> Century novel</b> (Jekyll or ACC) Skills- Lit p1	<b>An Inspector Calls*</b> Skills- Lit p2	<b>Lit-</b> Sylvia Plath coursework/ Great Gatsby <b>Lang-</b> Language levels/ sociolinguistics	<b>Lit-</b> A Doll's House/ Atonement and Arcadia coursework <b>Lang-</b> Language change/ Investigation
<b>Maths</b>	Numeracy check & introduction to algebra and standard skills, such as simplifying, expanding brackets & equations.	Further equations, factorising and expanding, equations of lines and key properties, inequalities	Further factorising, changing the subject of a formula, simultaneous equations, proportion, key graphs	<b>Foundation -</b> Ratios, rates of change, rounding methods and proportion <b>Higher -</b> Rounding methods, error intervals, bounds, proportion and iteration	<b>Foundation -</b> Harder index rules and standard form, exact trigonometry values and applications <b>Higher -</b> Vectors, equations of circles and area under curves	<b>Core Maths -</b> Percentages, estimation, critical analysis, collecting and representing data <b>Single Maths -</b> Indices, surds, exponentials & logarithms, coordinate geometry, polynomials, Binomial expansions, simultaneous equations <b>Further Maths -</b> As above plus differentiation intro, kinematics & motion	<b>Single Maths -</b> Integration ctd, non-uniform acceleration, Partial fractions & proof <b>Further Maths -</b> Complex numbers, matrices, mechanics, statistics, induction & proof, series
<b>Science</b>	Cells Body Systems  <b>Or</b>  Particles Atoms, elements and compounds	Adaptation and Inheritance Energy  <b>Or</b>  Periodic Table The Earth					

<b>Art</b>	<b>Faces &amp; Figures</b> Drawing structure, proportion and measurement	<b>1 &amp; 2 Point Perspective.</b> Learning through drawing then creating own city scape	<b>Botanical.</b> Drawing and developing own responses to natural objectives using different materials <b>3D Design</b> Urban Decay (Architecture and Plants) Drawing, collage and card structures	<b>Fine Art,</b> Contextual Research – Figures in the Landscape. <b>Textiles/Mixed Media.</b> Botanical <b>3D Design</b> Urban Decay (Architecture and Plants) Drawing, collage and card structures	<b>GCSE Course Work Projects</b>  <b>3D Design</b> Coursework Project – Details Photography, drawing, designs, card models	<b>Fine Art</b> Self Portraits – mark making <b>Photography</b> Formal elements project. <b>Contemporary Fine Art</b> Body Structure – Drawing, lino printing, mono printing, collographs. Kathe Kollwitz/ Leonardo Da Vinci.	<b>A Level Course Work Projects</b>
<b>Astronomy</b>			Planet Earth The Earth-Moon-Sun System (part 1)	Exploring the Solar System Celestial Observations (part 2)	Exploring Starlight Stellar Evolution (part 1)		
<b>Biology</b>			Cell Structure Cell Division Cell Transport	<b>Combined</b> Infection and Response <b>Triple</b> Photosynthesis Respiration	Ecology	Cell Structure Biological membranes Biological Molecules	Photosynthesis Respiration Nerves Hormones Excretion
<b>Business</b>			Introduction to Business. Cashflow	Hampson and Walker Types of organisations Business aims and objectives	Enterprise and entrepreneurship Market research, needs and wants	Economic markets incl S&D Marketing People	Globalisation Business decisions
<b>Chemistry</b>			Atomic Structure	Energy changes Quantitative Chemistry	Triple – Using Resources and Chemical analysis CST – Chemical Analysis	Teacher 1-Atoms, ions and compounds Amount of substance	Teacher 1 – Rates and Equilibrium

						Teacher 2 – Electrons and Bonding, Shapes of molecules and IM forces	Teacher 2 – Aromatic chemistry and Carbonyls
<b>Computer Science</b>	Computer Basics Cryptography	Computer Basics Website Development	Coding on REPL	Logic, Defensive Design and Coding, Algorithms	Data Representation Logic The CPU	NEA	Data Structures Boolean Algebra Computational Thinking
<b>Dance</b>			Tribal Dance & Jazz Dance Rehearse and add own choreography	Chicago & Annie Dances. Rehearse and add own choreography  Written work to support, as directed in class time / doddle	Ensure coursework is ongoing / up to date.  Rehearse A Linha Curva Dance and add on	Rosas and Freedom dances. Rehearse and add on.  Essay preparation	
<b>Design Tech</b>	The Built Environment – Re- designing personal space. Material Properties	The Built Environment – Compact City Living Material Properties	The Built Environment – Outdoor Living Material Properties	The Built Environment – Emergency Shelter Material Properties	NEA Project Research and Initial Ideas Material Properties	The Built Environment – Living in Extreme Environments Material Properties	NEA Personal Project – Research and Initial Ideas. Material Properties
<b>Drama</b>	<b>The Lion King</b> booklet	<b>The Lion King</b> booklet	<b>Component 2;</b> Monologues	<b>Component 1 + 2;</b> Bespoke to the students' personal 'to do list'	<b>Component 1 + 2;</b> Bespoke to the students' personal 'to do list'	<b>Unit 2+18;</b> Monologues - performance + supporting evidence	<b>Unit 2 + Unit 18;</b> complete your personal to do list
<b>Economics</b>						Macro economic overview Supply and Demand Key economists	Macro Globalisation Micro Labour markets
<b>Film Studies</b>						Film form and aesthetics. Introduction to the techniques of Alfred Hitchcock	NEA coursework – short filmmaking or screenwriting plus the evaluative analysis

<b>Financial Studies</b>						Financial capability for the immediate and short term	Sustainability of an individual's finances
<b>Food</b>	Food safety and Healthy Eating	Food safety and Healthy eating	Food safety	Nutrition	Nutrition and menu planning		
<b>French</b>	The Basics	Free time	Family and friends	Free time; life at school and college	Jobs and future plans	The changing family; Technology	
<b>Geography</b>	Tectonic hazards (earthquakes and volcanoes)	Climatic hazards: Hurricanes, tornadoes, bush fires, drought, snow, flooding)	Sustaining Ecosystems	UK in the 21 <sup>st</sup> Century	Urban Futures	Glaciated Landscapes and Changing Spaces, Making Places	Earth's Life Support Systems (carbon and water) And Power and Borders And NEA
<b>German</b>				Free time; life at school and college	Jobs and future plans	The changing family; Berlin	
<b>Government &amp; Politics</b>						Ideologies – Liberalism Democracy and participation	Ideologies - 1.Liberalism 2. US Constitution
<b>Health &amp; Social Care</b>			Introduction project	C1 LA.A Factors for coursework preparation.	C2 LA.A coursework and C3 LA.B exam content for Feb exam.		Unit 2 exam content. Exam in Jan.
<b>History</b>	The Norman Conquest	The British Empire (Zulu)	Interpretations of Cleopatra	Anglo-Saxons and Normans	Mao's China	ECW: Charles I Early Reign <b>Email TRW</b>	Russia NEA
						Germany: WWI Legacy <b>Email HSB</b>	
						Tudors: Henry VII <b>Email RHF</b>	
						USA: Civil War & Reconstruction <b>Email RHF</b> <b>For all: See Topic Private Study Guides</b>	

<b>Media Studies</b>						Introduction to the Media: representation and media language	NEA coursework: Magazine/TV show/Music Video plus accompanying website.
<b>Music</b>	Rhythm and pitch notation Phonetic rhythms Reading/writing/Performing	Rhythm and pitch notation Time signatures Reading/writing/Performing Degrees of the scale, understanding chords Notating and understanding 'Ode to Joy' & 'Salieri's March'	Overview of the Musical periods: Baroque, Classical, Romantic, 20 <sup>th</sup> Century, Modern  Elements of Music using DRSMITHSCAT Key signatures up to 3# and 3b  Four chord diatonic composition	<b>Periods of Music</b> <b>Set work - Bach Theory – dictation</b>  <b>Composing in room 210</b> Garageband project <b>Focus on Sound – exercises</b>	Revisiting all set works Covering exam tech in prep for Mock in November	<b>Music</b> Instrumental Music Basic Harmony Grade 5 Theory Performing Aural skills <b>Music Technology</b> Sequencing: Synthesis Early recording techniques: Direct to mono	<b>Music</b> Fusions 20 <sup>th</sup> Century Music Unfamiliar <b>Music Technology</b> Component 1 Importing Edexcel samples Evaluation of technical challenges Crafting bass timbre Crafting Drum timbres, Component 2 Minimalism and modality Completion of mock composition , Component 3 Exam Q5 + Q6 , Component 4 Practise questions
<b>PE</b>	Conditioning – Methods of training	Conditioning – Methods of training	<b>Core</b> – Reasons to participate in physical activity <b>GCSE PE</b> – Classification of skills, forms of practice and types of guidance.	<b>Core</b> – Reasons to participate in physical activity <b>GCSE PE</b> -Structure and function of the cardiovascular system	<b>Core</b> – Reasons to participate in physical activity <b>GCSE PE</b> - Personal exercise program completion and write-up.	<b>Understanding of the impact of physical activity and sport on the health and fitness of the individual.</b> <i>The hormonal, neural and chemical regulation of responses during physical activity and sport</i>	
<b>Physics</b>			<b>Combined</b> Conservation and dissipation of Energy	<b>Combined</b> Electric Circuits <b>Triple</b>	<b>Combined</b> Wave Properties <b>Triple</b>	<b>12B</b> Forces in action Motion	Oscillations Ideal Gases

			<b>Triple</b> Conservation and dissipation of Energy	Radioactivity Forces in Balance Pt1	Light Electromagnetism	<b>12D</b> Waves 1 Current and Charge	
<b>Psychology</b>						Intro and Approaches with CCF. Memory with SJM	Research Methods with CCF. Gender with SJM
<b>RPE</b>	Local Context Study	Morality and Values	Religion and Life	Buddhism Beliefs		See SharePoint and: For Christianity, email CN. For Philosophy, email PJC. For Ethics, email GHC.	See SharePoint and: For Christianity, email CN. For Philosophy, email PJC. For Ethics, email MW.
<b>Sociology</b>  <b>Criminology</b>						Introduction to Sociology Work, poverty and welfare Introduction to Unit 1 – Campaigns for change	Sociological methods Crime and Deviance  Unit 3 – The CPS
<b>Spanish</b>	Myself	Holidays	Holidays	Free time; life at school and college	Jobs and future plans	The changing family; Technology	