

Saint Ambrose College

3rd Year Internal Exams - Revision Guide



Subject	Study Guidance
Physics	The 3 rd year exam will be on the main topics “Energy” and “Electricity”. Link HERE
Biology	1 hour paper – consisting of unit 1.1 cells, 1.2 biological molecules, 1.3 respiration, 1.4 photosynthesis, 2.1 transport across membranes. The kerboodle textbook pages to revise from are p2-71 Link HERE
Chemistry	Mr Gwyer/Miss Deans/Mr Elwell: Atomic Structure, Chemical Bonding, The Periodic Table and Energy Changes in Reactions. Mr Allen: Atomic Structure, Chemical Bonding, The Periodic Table and Calculations.
English	<u>Year 3 – 1 hour Writing Paper (GCSE English Language Paper 1, Section B)</u> Students will be given a choice of either a descriptive or narrative writing task. Please note: students will complete Section A of the paper in lesson prior to the exam. In order to prepare, they should: <ul style="list-style-type: none"> • Read as widely as possible to broaden their vocabulary and develop the fluency and sophistication of their writing style • Review their targets from practice writing tasks • Revise class notes to become familiar with the demands of the different question types • Complete practice papers provided under timed conditions <p>Students have already completed a number of timed assessments on the Year 3 literature set texts: ‘Lord of the Flies’ and ‘Power and Conflict poetry’, which is why we are focusing on English Language for the end of year exam.</p>
Maths	Link HERE
Geography	Link HERE
History	Topic: Conflict and Tension 1890 – 1918 (p2) Link HERE
D & T	1. All the Core Technical Principles (CTP)

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	2. All the Specialist Technical Principles (STP)
Spanish	<ul style="list-style-type: none"> • Healthy lifestyle • Parts of the body • Illnesses and remedies • Technology and uses • TV programmes • Films • Leisure activities • Weather • Holidays (past, present, future) • Accommodation and problems • Transport • Activities to do on holiday • Countries <p>GRAMMAR Present, preterite, imperfect, future Linking words Longer opinions Variety of vocab Variety of reasons for your opinions</p>
French	Link HERE
RE	<ol style="list-style-type: none"> 1. Islam- beliefs and practices. 2. Judaism- beliefs only.
Latin	Revise all chapters of Seigel 2.
PE	<p>Chapter 1 and 2 on Dynamic Learning</p> <p>Chapter 1 – Applied Anatomy and Physiology Cardio-respiratory system Aerobic and anaerobic system</p> <p>Chapter 2 Movement analysis</p>
Computing	<p>Programming Basics</p> <ul style="list-style-type: none"> • Data types and Operations • Sequence and Selection • Iteration • Arrays

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	<p>Data Representation</p> <ul style="list-style-type: none"> • Storage units and Binary Numbers • Binary Conversions • Binary Arithmetic • Hexadecimal Conversions • ASCII and Unicode • Images • Sound • Compression <p>Fundamentals of Algorithms</p> <ul style="list-style-type: none"> • Developing Algorithms using Flowcharts • Developing Algorithms using Pseudocode • Be able to read pseudocode, spot errors and correct
Art	There are no specific topics for revision. All boys are working on individual projects and the examination is always a timed piece of artwork or final piece under examination conditions (as it is for the final GCSE and A Level exams).
Drama	<p>1 hour 10 minutes written exam</p> <p>Final practical assessments will take place in lessons</p> <p>Section A: Theatre Terminology (4 marks) Section B: Blood Brothers (44 marks)</p>
Music	<p>Western Classical Period</p> <p>Theory of music including notation, chords, cadences and devices</p>