



YEAR 11 GCSE ROADMAP

Learning for Life - RE

GCSE EXAMINATION SCHEDULE

DATE	AM/PM	DURATION	CONTENT
16/05/19	AM	1 hr 15 mins	CHEMISTRY PAPER 1: TOPICS 1 – 5 Atomic structure and the Periodic Table/Bonding and Structure/Quantitative Chemistry/Chemical Changes/Energy changes
12/06/19	AM	1 hr 15 mins	CHEMISTRY PAPER 2: TOPICS 6 - 10 Rate and extent of Chemical Change/Organic Chemistry/Chemical Analysis/Chemistry of the Atmosphere/Using Resources
TBC	TBC	TBC	Fundamental concepts and scientific (practical) skills are covered on both papers e.g. rates/endo-exo reactions/Chromatography/Gas tests/Making a pure salt Paper structure: AO1 Knowledge & Understanding: 40% of marks AO2 Application: 40% of marks AO3 Analyse/interpret/evaluate: 20% of marks 10% of marks will be mathematical skills 15% of marks will be practical based

KEY DATES

(e.g. mock exams, controlled assessment deadlines, residential trips, revision days, etc)

MARCH 2019 – Mock exams

THURSDAYS – EPS sessions (Revision Class Thursdays 3:15-4:00pm D8 RDL) This will focus on Units C1-C5

RESOURCES & REVISION GUIDELINES

ESSENTIAL RESOURCES (Inc. Reading, websites & e-resources)	KEY REVISION GUIDELINES
<ul style="list-style-type: none">• Kerboodle - digital copy of text book, interactive resources, revision tests (log-in needed)• Revision Guide - available from Finance Office• BBC bitesize for online revision• Free science lessons (You Tube)• Primrose Kitten (You Tube)	<ul style="list-style-type: none">• FACTUAL KNOWLEDGE: make revision cards for key words/definitions. Although this is classed as 'low/standard' demand, without this knowledge you cannot gain full marks on high demand questions.• PRACTICAL SKILLS: make sure you have looked at the 10 required practicals. There will be exam questions which are based on the knowledge and understanding gained from these practical activities. Other exam questions will also focus on investigative skills so you will need to apply what you know to practical situations in novel contexts.• MATHEMATICAL SKILLS: make sure you know how to use ratios, fractions and percentages, how to convert between metres/millimetres/micrometres and how to calculate surface area. A lot of the maths will be linked to handling data - mean/mode/median, probability, plotting and interpreting graphs



TEACHING OUTLINE

W/C	CONTENT	HOMEWORK	READING
07.01.19	P5 Forces: Hooks Law Required practical and energy in a spring	Weekly homework will also be set related to current topic	Pages refer to AQA Collins GCSE Combined Science All-in-One Revision & Practice book P160-161
14.01.19	Go through the Chemistry mock paper	Weekly homework will also be set related to current topic	N/A
21.01.19	P5 Forces: Distance, speed, time calculations and graphs P5 Forces: acceleration	Weekly homework will also be set related to current topic	P162-163
28.01.19	P5 Forces: Force = Mass x Acceleration and breaking distance P5 Unit Assessment	Weekly homework will also be set related to current topic	P164-169
04.02.19	C8 Chemical analysis: Chromatography and required practical C8 Chemical analysis: Identification of Gases and C8 Unit assessment	Weekly homework will also be set related to current topic	P140-141
11.02.19	C9 Atmosphere: History and Evolution of the Atmosphere	Weekly homework will also be set related to current topic	P142-143
18.02.19	Half Term		
25.02.19	C9 Atmosphere: Greenhouse gases, climate Change and human impacts End of unit test C9	Weekly homework will also be set related to current topic	P144-145
04.03.19	C10 Using resources: The Earth's resources and water	Weekly homework will also be set related to current topic	P146-147
11.03.19	C10 Using resources: Life cycle assessments and Reducing use of resources C10 end of unit assessment	Weekly homework will also be set related to current topic	P148-149
18.03.19	P7 Magnets and magnetic fields P7 Electromagnetics P7 Flemings left hand rule and Electric motors (HT) P7 End of unit test	Weekly homework will also be set related to current topic	P200-201
25.03.19	P1-P4 Revision	Weekly homework will also be set related to current topic	P102-123
01.04.19	C1-C2 Revision	Weekly homework will also be set related to current topic	P88-101
08.04.19	Easter Break		
15.04.19	Easter Break		
22.04.19	C3-C5 Revision	Weekly homework will also be set related to current topic	P170-173 P188-193
29.04.19	Exam past paper practice Physics paper 1	Weekly homework will also be set related to current topic	N/A
06.05.19	Exam past paper practice Chemistry paper 1	Weekly homework will also be set related to current topic	N/A
13.05.19	Before School Session on day of Exam Chemistry Paper 1 16 th May am	Weekly homework will also be set related to current topic	N/A
20.05.19	C6-C7 revision	Weekly homework will also be set related to current topic	N/A
27.05.19	Half Term		