



October 2023

Dear Parents/Carers,

Headteacher - Patrick Earnshaw
Deputy Headteacher - Mathew Downs

Following on from the Year 11 information evening, we wanted to contact you to share some information, advice and guidance to help support the students with preparation for their Mock Examinations, particularly within the Core Subjects. All subjects will be sharing similar information with students in lessons however we have consolidated the information required for Core Subjects which all students will sit.

As well as all the work students will be doing in lessons, we ask that you reinforce the importance of revision and practice at home as well, this letter will outline some key information for English, Maths and Science that you can discuss at home. Strategies to support students with their revision across all of their subjects can be found at [MyEngagement - Home \(sharepoint.com\)](https://www.sharepoint.com/MyEngagement-Home).

Content of Mock Examinations:

English

In the internal examination period in early November/December, students will undertake one exam in English Language and one in English Literature.

In English Language, they will take Paper 2: Writers' Viewpoints and Perspectives. This paper contains four reading analysis questions on two unseen non-fiction texts and one extended writing question where they are asked to give opinions in the form of a speech, letter or article.

In English Literature, students will take Paper 1: Shakespeare and 19th Century Novel where they will be asked to answer one question on the Shakespeare play they have studied (*Macbeth* or *Romeo & Juliet*) and one on *A Christmas Carol*. This exam is closed book meaning that only a small extract of the text will be provided to help students answer the question. This highlights students' needs to know the texts they have studied.

Maths

Students will either be entered for the FOUNDATION or HIGHER tier: all students should know which tier they are sitting for the forthcoming mock exams. If they do not, they should check with their Maths teacher. Students will be sitting one Calculator and one non-Calculator exam, both of which are 1 hour and 30 minutes. Content to revise is shown on the PLCs attached at the end of this letter for each tier of entry.

Science

In the first Year 11 mock students will sit a **Paper 1** for each Science. This is the same style of paper that they sat in Year 10. Please look closely at the specifications above to show you which chapters appear in each paper. The trilogy papers are 1 hour 15 minutes, the separate papers are 1 hour 45 minutes. Students will be studying either:

GCSE AQA Combined Science

Trilogy [GCSE Combined Science: Trilogy Specification](#)

GCSE AQA Separate Science

Biology [GCSE Biology Specification](#)
Chemistry [GCSE Chemistry Specification](#)
Physics [GCSE Physics Specification](#)

Past Papers can be found at the links below:

English Language, English Literature and Trilogy and Combined Science

[AQA | Find past papers and mark schemes](#)

Maths

[Past papers](#) | [Past exam papers](#) | [Pearson qualifications](#)

In School Support

English

The English department offer a support session every Thursday lunchtime at 1.30pm in EN3. The Autumn Term schedule for these sessions can be found attached. We also offer a home study support session on Tuesday lunchtimes at 1.30pm in EN3.

Maths

The Maths department is here to support every student with their individual learning and revision in the subject; please do encourage them to talk to their Maths teacher if they have any knowledge or skill areas they are feeling insecure on, or need some more guidance about how they can improve.

We run drop-in sessions for students on Tuesday lunchtimes at 1.30pm in MA6.

Students are encouraged to come to these sessions with any work they would like support with or help reflecting on. If they have a topic or skill with which they are struggling, they can ask for assistance also. These sessions do not need to be booked in advance.

Science

There are weekly drop-in support sessions that are running from now until the main GCSE exams in May. These will take place in different rooms depending on the staff running them. Please look closely at the timetable attached.

Revision Resources

English Language

Students can also watch Mr Bruff's videos on Youtube. Some of the best videos include recaps on what each question requires and also discuss what a full mark answer looks like. These videos should be watched and then students should then write down a mind map of the new information that they have learnt or attempt one of the questions in the packs found on the English Sharepoint [English - Home \(sharepoint.com\)](#). Just watching the videos is not enough by itself.

English Literature

Students have access to the Massolit website <https://www.massolit.io/users/signin> which contains a vast array of lectures on each of their Literature topics. Students sign in with username: your year & name@highcliffeschool.com password: create your own. The British Library website (www.bl.uk/shakespeare) has plenty of resources that will help students to extend their learning even further. The aforementioned Mr Bruff also has a wealth of videos on each of the English Literature texts. Your child's English teacher will happily accept essays written at home to provide feedback on.

Independent Learning Packs for both English Language and key texts for English Literature can be found on the English SharePoint <https://highcliffe.sharepoint.com/sites/LearnEnglish>.

Maths

On the next pages you will find revision / personal learning checklists for both tiers of entry, giving the topics that will be relevant for those mock exams to enable students to focus their revision efforts. In addition, there are links provided to relevant resources and revision tools for each of the topics. You can support students with this by checking they are working their way through the relevant content for their tier.

Another resource for students to use for everyday practice can be found at <https://corbettmaths.com/>. This website has 5-a-day tasks which students can work through; these are divided into Foundation, Foundation Plus, Higher and Higher Plus, which help target students for different grade ranges. Students should aim to complete 20 minutes a day, or 30 minutes every other day.

Science

SENECA learning [Homework & Revision for GCSE \(senecalearning.com\)](https://www.senecalearning.com) Your child should have a school log in for SENECA as we have been using it for a number of years. If there are issues logging in, please see Mrs Chapman in Sc5.

Kerboodle learning - [Kerboodle](https://www.kerboodle.com) This is a new resource that we have bought in this year. It allows students access to an online version of the textbooks, worksheets, topic checklists, revision materials and podcasts, retrieval activities and support sheets.

To log into Kerboodle you need to use the following details -

- Username: your school log on details – **all lower-case** e.g. 16chapmans
- Password: same as your username – **all lower-case** e.g. 16chapmans
- Institution code: **gry6**

The science sharepoint – students have access to this through their myHighcliffe.

On here we have links to **focus eLearning, required practical videos**, key vocabulary used in Science, command words, PixL revision materials and many other resources.

Science revision guide – all students were given a science revision guide at the start of Year 10. This has revision and question pages in. The relevant pages for each topic are the unit summary sheets given to the students in lessons.

We hope this information is useful in supporting your child through the Year 11 Mock Examinations and in their preparation for the external exams next Summer.

If you have any queries or concerns regarding any of the revision resources, please do not hesitate to contact the school.

Kind regards



Mr. James
Subject Leader for English



Mr. Cooper
Subject Leader for Maths



Mrs. Chapman
Subject Leader for Science

Science Drop-In Sessions Timetable

Date of Drop-in session	Day	Staff	Topic	Room
09.10.23	Monday	SCH	Balancing Equations	Sc5
13.10.23	Friday	LWA	Cells	Sc8
16.10.23	Monday	SCH	Moles (HT only)	Sc5
20.10.23	Friday	LWA	Transport	Sc8
Half Term				
30.10.23	Monday	SCH	Electrolysis	Sc5
02.11.23	Thursday	LGN	Electricity	Sc3
03.11.23	Friday	LWA	Digestion	Sc8
06.11.23	Monday	ILE	Bonding and Structure	Sc9
13.11.23	Monday	ILE	Required Practicals	Sc9
20.11.23	Monday	SCH	Acids and Bases	Sc5
23.11.23	Thursday	LGN	Atomic Structure	Sc3
27.11.23	Monday	LCN	Infection and response	Sc6
04.12.23	Monday			
07.12.23	Thursday	LGN	Particle Model	Sc3
11.12.23	Monday	SCH	Rate of reaction	Sc5
Christmas				
02.01.24	Tuesday			
08.01.24	Monday	SCH	Equilibria	Sc5
15.01.24	Monday	ILE	History of the atomic model	
18.01.24	Thursday	LGN	Magnetism	Sc3
22.01.24	Monday	ILE	Le Chateliers (HT only)	
25.01.24	Thursday	LGN	Waves	Sc3
29.01.24	Monday	SCH	Organic	Sc5
05.02.24	Monday			
Half Term				
19.02.24	Monday	SCH	Organic (SEPARATE Chem only)	Sc5
26.02.24	Monday	LCN	Bioenergetics	SC6
04.03.24	Monday			
07.03.24	Thursday	LGN	Forces	Sc3
11.03.24	Monday			
18.03.24	Monday	SCH	Bonding and Structure	Sc5
25.03.24	Monday			
Easter				
15.04.24	Monday	SCH	Calculations (HIGHER TIER)	Sc5
18.04.24	Thursday	LGN	General Physics	Sc3
22.04.24	Monday	ILE	Bond energy calculations	
29.04.24	Monday	ILE	Electrolysis	
06.05.24		BANK	HOLIDAY	
13.05.24	Monday			
16.05.24	Thursday	LGN	General Physics	Sc3
20.05.24	Monday	SCH	Last bits and pieces	Sc5
Half Term				

KS4 English Support Sessions

Talk and work through ideas with an English teacher. Work on your own or with peers.

Thursday Lunchtime EN3

Date	What will I focus on?
12 October	An Inspector Calls
19 October	Language Paper 2: Writing
2 November	A Christmas Carol
9 November	Cultural Capital: The Iliad

GCSE Revision Guides available for your use.



Foundation Year 11 Autumn Mock Exams – Non-calculator PLC

Topic	Success Criteria and Dr Frost skill number	Video Link	Initial Confidence Level			Date revised	New Confidence Level		
			Red	Amber	Green		Red	Amber	Green
Number	Place value – E3	https://youtu.be/DhndjuSKwKQ							
	Convert fractions, decimals and percentages – E31	https://youtu.be/-qa1yzGSP2Q							
	Adding and subtracting negative numbers – E92	https://youtu.be/pDjBuX8qgy0							
	Add and subtract fractions – K94c	https://youtu.be/KNoP3qhGqnc							
	Multiply fractions – K95a	https://youtu.be/wvRIN7Z_jns							
	Adding and subtracting whole numbers – E5	https://youtu.be/RIotd3KnZ2Q							
	Estimate calculations – E123	https://youtu.be/Y7Qmot2vWe8							
	Multiplicative reasoning in recipes – K47a	https://youtu.be/13mWOpvcRwk							
	Percentage change – E109	https://youtu.be/YIkRY0curBc							
	Comparing fractions – K29d	https://youtu.be/PL7XoaqbylU							
	Prime factorisation – E114	https://youtu.be/c6Q3Tor_22w							
	Share in a ratio – K106a	https://youtu.be/iN7nElkxD5o							
	Standard form – E212, E213, E215	https://youtu.be/v2m_PKVVLwQ https://youtu.be/3pUioUlapFw https://youtu.be/-Tt7_UTKfTM							
Algebra	Collecting like terms – E80	https://youtu.be/PC8q9cyCgil							
	Continuing a sequence – E85	https://youtu.be/HpvmiG4-4Ys							
	Substitution – E79	https://youtu.be/Cnu4wcuGEMw							
	Plotting quadratic graphs – K203a	https://youtu.be/hS4VxPH9unE							
	Simultaneous equations – E198	https://youtu.be/XWNropJ5pn0							
Geometry	Converting metric units – E62	https://www.mathsgenie.co.uk/conversions-and-units.html							
	Reflect a shape in a mirror line – K76b	https://youtu.be/sxl_O6pZcis							
	Volume of a cylinder – E164	https://youtu.be/JOqKkrBBJHQ							
	Interior and exterior angles – E227	https://youtu.be/wZo6cLD_Q2I							
	Speed, distance, time – E231	https://youtu.be/J_r_TopXCME							
	Density – K232a	https://youtu.be/H_o8tewYAjk							

Foundation Year 11 Autumn Mock Exams – Non-calculator PLC

Topic	Success Criteria and Dr Frost skill number	Video Link	Initial Confidence Level			Date revised	New Confidence Level		
			Red	Amber	Green		Red	Amber	Green
Probability and statistics	Pictograms – E48	https://youtu.be/DL80AEcRgLO							
	Drawing and interpreting bar charts – K49a & K49b	https://youtu.be/uXvwfnpnRDrA https://youtu.be/x1u2bXAA0a4							
	Basic probability of events – E55	https://youtu.be/hhDVWfZpyps							
	Frequency trees – K50b	https://youtu.be/PcCFVfzga04							
	Stem and leaf diagrams – K136a	https://youtu.be/AZPCcHqG6uA							



Foundation Year 11 Autumn Mock exams – Calculator PLC

Topic	Success Criteria and Dr Frost skill number	Video Link	Initial Confidence Level			Date revised	New Confidence Level		
			Red	Amber	Green		Red	Amber	Green
Number	Convert fractions, decimals and percentages – E31	https://youtu.be/-qa1yzGSP2Q							
	Write a ratio in the form 1:n – K105b	https://youtu.be/9q-SwK4n0MA							
	Find factors of a number – K33a	https://youtu.be/AoqVb96vCZM							
	Percentage of an amount – K112a	https://youtu.be/16Cw4UIYW74							
	Using a scientific calculator – E104	https://www.youtube.com/watch?v=JjvDmqD_5DQ							
	Fraction of an amount – K101a	https://youtu.be/jm6goetSKpU							
	Lowest common multiple – K115d	https://youtu.be/uOKEnQeoCE							
	Proportion and best value – K47c	https://youtu.be/kSDLWDeY1gg							
	Rounding to significant figures – K122a	https://youtu.be/UlyCHDCfhe4							
	Reverse percentage – E209	https://youtu.be/48KHVQJfwPc							
	Converting metric units – K62a	https://youtu.be/6C948JCQguc							
Algebra	Continuing a sequence – E85	https://youtu.be/HpvmiG4-4Ys							
	Substitution – E79	https://youtu.be/Cnu4wcuGEMw							
	Expanding single brackets – E83	https://youtu.be/VzS_qsrEtfM							
	Solving equations – E181	https://youtu.be/Da9cfL1lauk							
	Rearranging formulae – E186	https://youtu.be/y-cGpOFCB3Q							
	Factorising into a single bracket – E178	https://youtu.be/biXEdyg2bYA							
Probability and statistics	Basic probability of events – E55	https://youtu.be/hhDVWfZpyps							
	Two-way tables – E50	https://youtu.be/7QvcSidluhk							
	Probability scale – K53b	https://youtu.be/noJMMJXSdb0							
	Frequency polygons – K138a	https://youtu.be/MppB0LJJOmY							
	Averages and range from listed data – E128	https://youtu.be/MDv7JYfw7eY							

Foundation Year 11 Autumn Mock exams – Calculator PLC

Topic	Success Criteria and Dr Frost skill number	Video Link	Initial Confidence Level			Revised (Date)	New Confidence Level		
			Red	Amber	Green		Red	Amber	Green
Geometry	Rotational symmetry – K61a	https://youtu.be/uoLkjhC-lnU							
	Properties of 3D shapes – E160	https://corbettmaths.com/2013/12/27/edges-face-vertices-video-5/							
	Bearings – K156b	https://youtu.be/_iqtUwF6fOQ							
	Area of triangle – E73	https://youtu.be/DYZfxwCXMgA							
	Know the different types of triangles – K59c	https://youtu.be/6pq7wwEcNgY							
	Angles in parallel lines and isosceles triangles – K154e	https://youtu.be/nxUC6S5NUJE							
	Using map scales – K250b	https://youtu.be/jgwxNzCUW14							
	Pythagoras' theorem – E228	https://youtu.be/SaU9vS6HJEs							
	Speed, distance, time – E231	https://youtu.be/J_r_TopXCME							
	Area of a trapezium – K146a	https://youtu.be/a5laQQJgR-w							



Higher Year 11 Autumn Mock exams – Non-calculator PLC

Topic	Success Criteria and Dr Frost skill number	Video Link	Initial Confidence Level			Date revised	New Confidence Level		
			Red	Amber	Green		Red	Amber	Green
Number	Prime factorisation – E114	https://youtu.be/c6Q3Tor_22w							
	Share in a ratio – K106a	https://youtu.be/iN7nElkxD5o							
	Standard form – E212, E213, E215	https://youtu.be/v2m_PKVVLwQ https://youtu.be/3pUioUlapFw https://youtu.be/-Tt7_UTKfTM							
	Converting recurring decimals to fractions – E222	https://youtu.be/Je9sKSmPThE							
	Negative and fractional indices – E207 & E318	https://youtu.be/RBPbRrHSCVs https://youtu.be/E-gq8eq105I							
Algebra	Solving inequalities – E177	https://youtu.be/h20HXgEgUq0							
	Plotting quadratic graphs – K203a	https://youtu.be/hS4VxPH9unE							
	Use graphs to find approximate solutions – E283	https://corbettmaths.com/2017/12/13/solving-quadratics-graphically/							
	Reciprocal graphs – E203	https://youtu.be/ciRxmAHvYH0							
	Add or subtract algebraic fractions – E294	https://youtu.be/PQWQQRrpUIQ							
	Equation of a tangent to a circle – K264a	https://youtu.be/5nIVm8NXrTM							
Geometry	Solve quadratic equations by factorising – E265	https://youtu.be/ldk4R_baULA							
	Interior and exterior angles – E227	https://youtu.be/wZo6cLD_Q2I							
	Density – K232a	https://youtu.be/H_o8tewYAjk							
	Surface area – K162a	https://youtu.be/gi-cuUDmJw0							
	Pythagoras' theorem – E228	https://youtu.be/SaU9vS6HJEs							
Probability and statistics	Circle theorems – E306	https://youtu.be/3XCiG7Rp4dk							
	Mean from grouped frequency table – K132a	https://youtu.be/Jgd-GrmEGiY							
	Cumulative frequency – E257	https://youtu.be/sfxNFPWfn14							
	Successive events and probability – E259	https://youtu.be/yJva4ph-KEE							
	Two-way tables – K50a	https://youtu.be/CdPxbM5FkiU							

Higher Year 11 Autumn Mock exams – Calculator PLC

Topic	Success Criteria and Dr Frost skill number	Video Link	Initial Confidence Level			Date revised	New Confidence Level		
			Red	Amber	Green		Red	Amber	Green
Number	Write a ratio in the form 1:n – K105b	https://youtu.be/9q-SwK4n0MA							
	Proportion and best value – K47c	https://youtu.be/kSDLWDeY1gg							
	Laws of indices – E206	https://youtu.be/Z_WCKeO-liY							
	Reverse percentage – E209	https://youtu.be/48KHVQJfwPc							
	Product rule for counting – K225a	https://youtu.be/kv7OXIOuHn0							
	Calculations with bounds – E218	https://youtu.be/VqRVIEWAzQs							
Algebra	Substitution – E79	https://youtu.be/Cnu4wcuGEMw							
	Gradients of lines – K189b	https://youtu.be/OxYk4R1cey4							
	Factorise difference of two squares – E194	https://youtu.be/S3JXkf5X97Y							
	Expand triple brackets - K180b	https://youtu.be/GyqOPBdGcHo							
	Add or subtract algebraic fractions – E294	https://youtu.be/PQWQQRrPUIQ							
	Simultaneous equations with a linear and a quadratic – E272	https://youtu.be/2_n1KKPzmm8							
Probability and statistics	Frequency polygons – K138a	https://youtu.be/MppB0LJJOmY							
	Histograms – E296	https://youtu.be/yvVOFvXTY3s							
	Probability and successive dependent events – E260	https://youtu.be/UMKCIPTcOzo							
Geometry	Pythagoras' theorem – E228	https://youtu.be/SaU9vS6HJEs							
	Speed, distance, time – E231	https://youtu.be/J_r_TopXCME							
	Area of a trapezium – K146a	https://youtu.be/a5laQQJgR-w							
	Finding lengths in right angled triangles using trig – E241	https://youtu.be/r6xuUjwyKek							
	Negative enlargements – K237a	https://youtu.be/K45RrS0NvTM							
	Circle theorems – E306	https://youtu.be/3XCiG7Rp4dk							
	Finding the angle in 3D trigonometry – K305a	https://youtu.be/totOyFxp8I							
	Volume of cones and spheres – E298	https://youtu.be/TNnauy1E0gw							