# Welcome to Year 11 Information Evening

8th November 2022





# Outline for the presentation

- Key curriculum information from:
  - Maths
  - Science
  - English
- Resources for students
- Study support timetable
- Revision Strategies
- Attendance
- Mental health and well being advice
- Key dates

#### **MATHS**

#### **Revision Programme over course of year 11 has already commenced:**

Students are receiving one exam sheet per week containing vital exam questions.

From March, students will be sitting a preparatory mini test each week will be essential in terms of preparation

Our 'Student Dashboard' will be made available to students in the new year, containing a comprehensive revision package bespoke to Alderbrook School.

To compliment this online resource, students will also be issued with a hard-copy of an 'Ultimate Revision Guide' (available for both tiers, produced by ABK staff)

Exploitation of resources saw last years' cohort perform highest in the Solihull Local Authority for Mathematics

## **MATHS**

Exam format will return to normal this summer – no Advance Information will be provided but **formula pages will** be added to the front of papers.

**Mock examinations** will take place in the new year to firmly establish final tiers of entry.

#### Exam Format for Foundation Tier (sat with OCR)

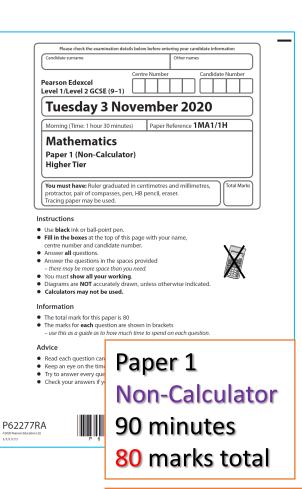
| OCD   | _  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| Oxford Cambridge and RSA  | Oxford Cambridge and RSA   |  |  |  |  |  |
| _   | Tuesday 03 November 2020 – Morning   |  |  |  |  |  |
| GCSE (9-1) Mat<br>J560/01 Paper 1 (F  |  |  |  |  |  |  |
| Time allowed: 1 hour 3  | 30 minutes   |  |  |  |  |  |
| You can use:  • a scientific or graphical cal • geometrical instruments • tracing paper   | alculator  |  |  |  |  |  |
|   |  |  |  |  |  |  |
| Please write clearly in   | n black ink. Do not write in the barcodes.   |  |  |  |  |  |
| Centre number   | Candidate number   |  |  |  |  |  |
| First name(s)   |  |  |  |  |  |  |
| Last name   | Last name  |  |  |  |  |  |
| Write your answer to you need to, but you it the question numbers     Answer all the question.     Where appropriate, you given for using a corre | Use black ink. You can use an HB pencil, but only for graphs and diagrams. Write your naswer to each question in the space provided. You can use extra paper if you need to, but you must clearly show your candidate number, the centre number and the question numbers.  Answer all the questions. Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong. Use the 'ze button on your calculator or take 'ze be 3.142 unless the question says |  |  |  |  |  |
| INFORMATION  The total mark for this  The marks for each q  This document has 2   | Paner I  |  |  |  |  |  |
| ADVICE • Read each question of  | Calculator   |  |  |  |  |  |
| © OCR 2020 [601/4606/0]<br>190040/4 D   | 90 minutes   |  |  |  |  |  |
|   | 100 marks total  |  |  |  |  |  |

| OCR  |   |   | F                             |     |
|--|---|---|-------------------------------|-----|
| Oxford Cambridge and RSA  Thursday 05 N  | ovember   | · 2020 – Morning  |                               |     |
| GCSE (9-1) Mathe   |   |   |                               |     |
| <b>J560/02</b> Paper 2 (Fou  | ndation Tier)   |   |                               |     |
| Time allowed: 1 hour 30 m  | inutes  |   |                               |     |
| You can use:     geometrical instruments     tracing paper   |   | X   | ,                             |     |
| Do not use:     a calculator   |   |   |                               |     |
|  |   |   |                               |     |
| Please write clearly in blac   | k ink. <b>Do not wri</b>  | te in the barcodes.   |                               |     |
| Centre number  |   | Candidate number  |                               |     |
| First name(s)  |   |   |                               |     |
| Last name  |   |   |                               |     |
| Write your answer to each you need to, but you mus the question numbers.     Answer all the questions.     Where appropriate, your a given for using a correct r INFORMATION | n question in the state of the | out only for graphs and diagram<br>space provided. You can use ei<br>ur candidate number, the centre<br>supported with working. Marks<br>our answer is wrong. | ktra paper if<br>e number and |     |
| The total mark for this page. The marks for each quest   | _   | •   |                               |     |
| This document has 20 pa  ADVICE     Read each question care!   | Pal   | per 2   |                               |     |
|  | No  | n-Calc  | ulato                         | or  |
| OCR 2020 [601/4606/0]<br>90041/7 D   |   |   |                               |     |
|  | 10  | 0 mark  | s to                          | tal |

| GCSE (9–1) Mathen   | rember 2020 – Morning  |
|---|--|
| J560/03 Paper 3 (Foun   | dation Tier)   |
| Time allowed: 1 hour 30 min   | uutes  |
| You can use:  - a scientific or graphical calculator - geometrical instruments - tracing paper  |  |
|   |  |
| Please write clearly in black   | ink. Do not write in the barcodes.   |
| Centre number   | Candidate number   |
| First name(s)   |  |
| Last name   |  |
| Write your answer to each you need to, but you must of the question numbers.     Answer all the questions.     Where appropriate, your argiven for using a correct me | an HB pencil, but only for graphs and diagrams. question in the space provided. You can use extra paper if learly show your candidate number, the centre number and sever should be supported with working. Marks might be sthod, even if your answer is wrong, idculator or take x to be 3.142 unless the question says |
| INFORMATION  The total mark for this pape The marks for each question This document has 20 pag  |  |
| ADVICE  Read each question carefu   | Calculator   |
| OCR 2020 [601/4606/0]<br>83350/5 D  | 90 minutes   |
|   | 100 marks total  |

All three papers combined give a total score out of **300**. Score out of **300** will determine students' grades.

#### Exam Format for Higher Tier (sat with Edexcel)



| Please chark the evamination  | on details below before entering your candidate information                      |  |  |  |  |
|---|--|--|--|--|--|
| Candidate surname   | Other names  |  |  |  |  |
|   |  |  |  |  |  |
| Pearson Edexcel<br>Level 1/Level 2 GCSE (9  | Centre Number Candidate Number   |  |  |  |  |
| Thursday 5  | November 2020  |  |  |  |  |
| Morning (Time: 1 hour 30 m  | ninutes) Paper Reference 1MA1/2H   |  |  |  |  |
| Mathematics   |  |  |  |  |  |
|   | Paper 2 (Calculator)   |  |  |  |  |
|   | uated in centimetres and millimetres,<br>es, pen, HB pencil, eraser, calculator. |  |  |  |  |
| Instructions  Use black ink or ball-point pen. Fill in the boxes at the top of this page with your name, centre number and candidate number. Answer all questions. Answer the questions. Answer the questions in the spaces provided — there may be more space than you need. You must show all your working. Diagrams are NOT accurately drawn, unless otherwise indicated. Calculators may be used. If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.  Information  The total mark for this paper is 80 |  |  |  |  |  |
| <ul> <li>The marks for each question         <ul> <li>use this as a guide as to how</li> </ul> </li> </ul>  |  |  |  |  |  |
| Advice  | , Paper 2  |  |  |  |  |
| <ul> <li>Read each question carefull</li> <li>Keep an eye on the time.</li> </ul>   | , raper z  |  |  |  |  |
| Try to answer every question. Check your answers if you have Calculator   |  |  |  |  |  |
| P62278RA  **DOOR Person Education Ltd.  **DUT/TV**  P 6 2   | 90 minutes   |  |  |  |  |
|   | 80 marks total   |  |  |  |  |

Please check the examination details below before entering your candidate information andidate surname Centre Numb Candidate Numbe **Pearson Edexcel** Level 1/Level 2 GCSE (9-1) Monday 9 November 2020 Morning (Time: 1 hour 30 minutes) Paper Reference 1MA1/3H Mathematics Paper 3 (Calculator) **Higher Tier** You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen. HB pencil, eraser, calculator, Tracing paper may be used. Instructions • Use black ink or ball-point pen • Fill in the boxes at the top of this page with your name, centre number and candidate number. Answer all questions. Answer the questions in the spaces provided - there may be more space than you need. • You must show all your working. Diagrams are NOT accurately drawn, unless otherwise indicated. • Calculators may be used. • If your calculator does not have a  $\pi$  button, take the value of  $\pi$  to be 3.142 unless the question instructs otherwise. Information • The total mark for this paper is 80 • The marks for each question are shown in brackets - use this as a quide as to how much time to spend on each question Advice Paper 3 Read each question careful • Keep an eye on the time. Try to answer every question Check your answers if you Calculator P62279A 90 minutes 80 marks total

All three papers combined give a total score out of **240**. Score out of 300 will determine students' grades.

#### **Useful Websites**

#### Corbettmaths.com

Probably the best free website in the world at the moment for GCSE mathematics. Students can access workbooks filled with questions on <u>any</u> GCSE topic at higher tier or foundation. Note, this website is excellent when used in conjunction with the <u>Ultimate Guides</u> which will be issued in the new year.

#### Revisionmaths.com

As we tell our students, securing content knowledge only forms 50% of preparations. Students absolutely must gain as much examination practice as is possible, under the necessary time constraints. This website contains several past papers for both Edexcel Higher and OCR Foundation (with accompanying mark schemes)

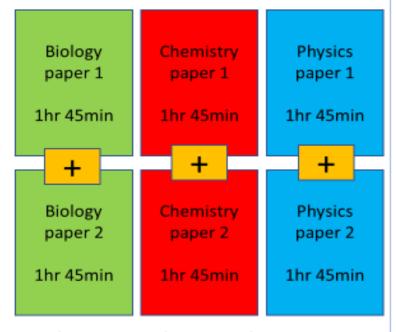
#### **SCIENCE**

#### The Exams



#### Separate science (triple)

#### Trilogy (combined)



Each exam in each pair worth – 50% Each exam – 100 marks

**Physics** Biology Chemistry paper 1 paper 1 paper 1 1hr 15min 1hr 15min 1hr 15min Biology Chemistry **Physics** paper 2 paper 2 paper 2 1hr 15min 1hr 15min 1hr 15min

Each exam worth – 16.7% Each exam worth – 70 marks

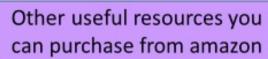
## **SCIENCE**

## Getting the right resources





Ensure you purchase the revision guide and workbook





Flash cards



GCSE Biology
Re told Count 19

GCSE Physics
To day State 10

GCSE Chemistry
Re Age State 10

GCSE Chemistry
Re Age State 10

Hi-Misene Tests

GCSE AQA SCIENCE 20-MINUTES TEST WITH ANSWERS

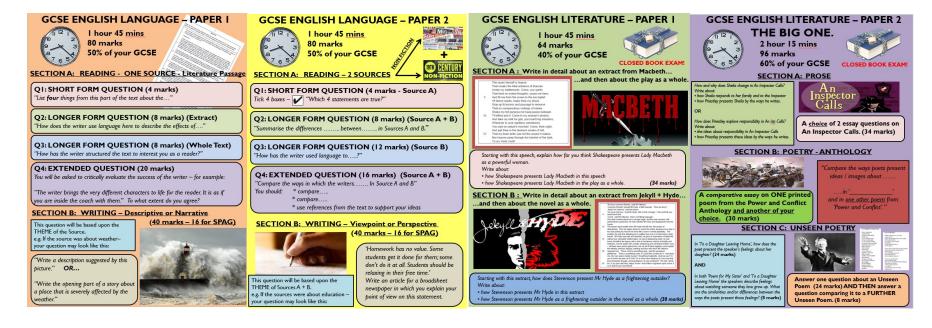
10 minute tests with answers



Knowledge organiser and recall book, also available for separate sciences

Students will sit two GCSEs for English: one in Language and one in Literature.

Both GCSEs consist of two exams each. Exams detailed below.



Please note that some students in set 6 ONLY sit their English Language GCSE, and that students in set 5 may study *A Christmas Carol* instead of *Jekyll and Hyde*. If you have any concerns regarding this, please contact your child's English teacher.

- Autumn 1: Retrieval of Literature Paper 1 (Jekyll & Hyde/Macbeth) & Main Focus on Language Paper 1
- Autumn 2: Retrieval of Literature Paper 2 (Conflict & Unseen Poetry) & Main Focus on Language Paper 2
- Spring 1: Retrieval of Language Paper 2
   & Main Focus on Literature Essays
   (Conflict & Unseen Poetry)
- Spring 2: Retrieval of Language Paper 1
   & Main Focus on Literature Essays
   (Jekyll & Hyde/Macbeth/An Inspector Calls)
  - Summer 1: Revision of all key components of both Literature & Language examinations

This is the English curriculum journey for our current year 11s.

Both literature and language skills are taught and revised throughout the year.

Teachers use retrieval activities to keep knowledge and skills warm over the year.

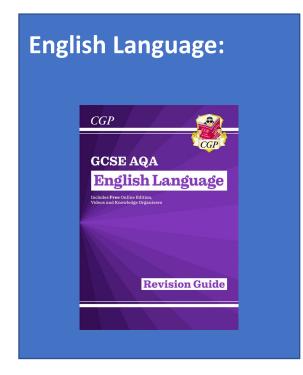
**Ambition** 

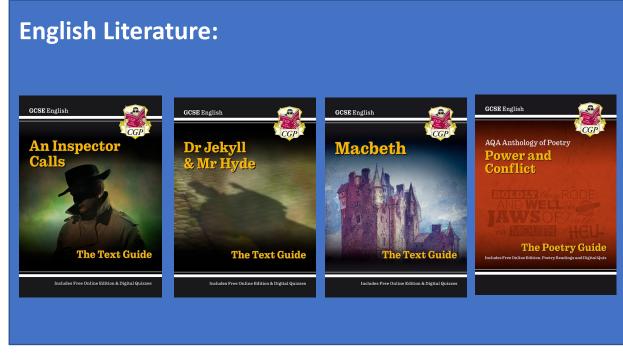
**Bravery** 

**Kindness** 

#### **Revision Guides**

In order to support your child in their English GCSE, we recommend the revision materials below. These are by no means essential, but will be a valuable resource when revising. All available on Amazon:





## **Revision**

Revision sessions run by the English Department, will begin in January.

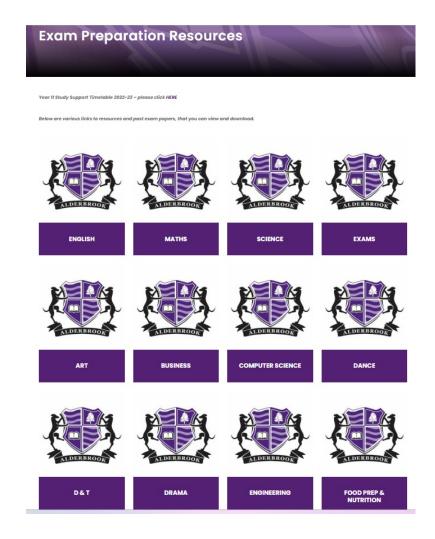
Students should be revising independently in addition to these sessions.

## Resources available

# On the school website there are a number of resources available







# Study support



#### Year 11 Study Support Autumn Term 2022-23

The timetable below is for voluntary after-school study support sessions led by subject teachers **during the Autumn term**.

The sessions will usually run from 3.05 – 4pm (please check with individual teachers for timings and rooms).

**Bold print** indicates which subject has **priority** on that weekly session, this should be considered in the event of a conflict of subjects.

Students should discuss with their form tutors if they are unsure which session they should attend.

| Week 1   |  |   |  |  |
|--|--|---|--|--|
| Tuesday  | Wednesday  | Thursday  | Friday   |  |
| Computer Science (M05) Computer Science (Invitation only-M17) RE Spanish | IT (M05)<br>H and S (M18- until 3:45)<br>Spanish | Science Business (Invitation only) Art Photography (M19) PE Practical Spanish | PE- Theory<br>Music<br>Dance<br>Drama (GCSE & BTEC)              |  |
| Week 2   |  |   |  |  |
| Tuesday  | Wednesday  | Thursday  | Friday   |  |
| Computer Science (M05) Computer Science (Invitation only-M17) RE Spanish | IT (M05)<br>H and S (M18- until 3:45)<br>Spanish | Science Business (Invitation only) Art Photography (M19) PE Practical Spanish | PE-Theory<br>Music<br><b>Dance</b><br><b>Drama</b> (GCSE & BTEC) |  |

Please note:

English- Due to commence from January- students may be invited prior by their teaching staff Maths- Due to commence from February- bi weekly

# Study skills

You may be asking yourselves the following questions:

When should my child start revising?

**How much** revision should they be doing?

What should they be revising and how should they be completing their revision?

How can I help as a parent?

# Make sure your child uses revision strategies that work

Reading through notes

Brain thinking strategies.

The next few slides suggest some revision strategies/techniques that do actually work.

# Time management

Divide revision into short manageable chunks **25-30 minutes** with a **5 min** break.

Mass practice is ineffective and stressful

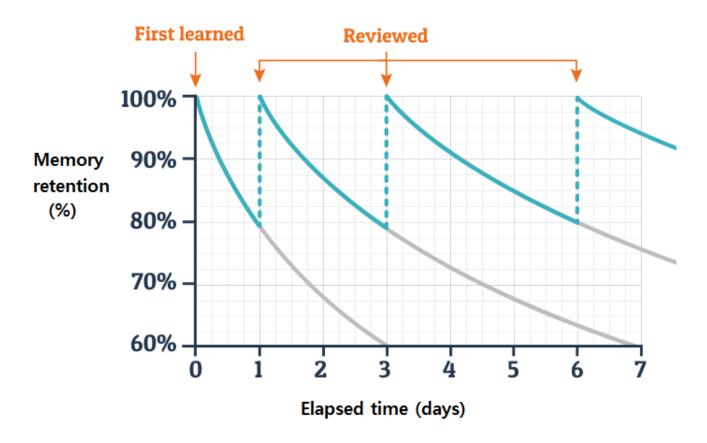
Plan to cover more topics in short chunks over longer periods of time

Little and often more regularly will make learning stick!

# Interleaving

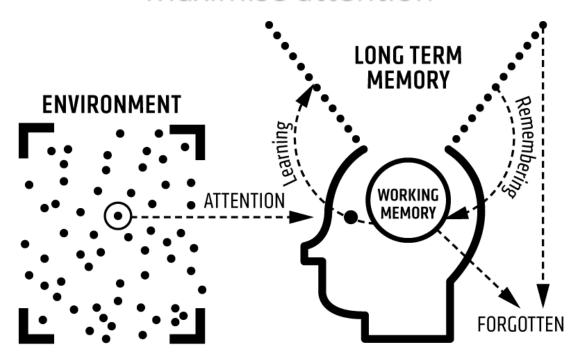
|         | Monday                         | Tuesday                        | Wednesday                      | Thursday                      | Friday                        |
|---------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|
| 30 mins | English<br>Romeo and<br>Juliet | Chemistry<br>Covalent<br>bonds | Maths<br>Statistics            | English<br>Question 1         | History<br>Conflict           |
| 30 mins | Maths<br><i>Algebra</i>        | Biology<br>Organ<br>systems    | Physics<br>Atomic<br>structure | Drama<br>Texts in<br>practice | French Speaking and listening |

# Spaced practice



**Ebbinghaus Forgetting Curve**' is a nice visual way to remind us that we must give effective explanations, but then revisit the core message with spaced repetition, otherwise there is danger that it will be forgotten

#### Maximise attention



Remove distractions make learning ultra effective for shorter bursts rather than ineffective study for a long time > remove phones, music, TV etc

# Retrieval practice

- Low stakes testing, quizzing, knowledge organisers, flashcards and past papers
- Close your notes during tests
- Focus on your weaknesses

# Relationship between attendance and progress

Students who are in school and are access support from teachers tend to make better progress.

| Student   | % attendance |
|-----------|--------------|
| Student 1 | 100%         |
| Student 2 | 94%          |
| Student 3 | 98%          |
| Student 4 | 96%          |
| Student 5 | 98%          |
| Student 6 | 89%          |
| Student 7 | 94%          |

# Understanding attendance

| Attendance During<br>One School Year | Equates to Days<br>Absent | Number of weeks<br>absent<br>approximately | Number of lessons<br>missed |
|--------------------------------------|---------------------------|--|-----------------------------|
| 95%                                  | 9 Days                    | 2 Weeks                                    | 45 Lessons                  |
| 90%                                  | 19 Days                   | 4 Weeks                                    | 95 Lessons                  |
| 85%                                  | 29 Days                   | 6 Weeks                                    | 145 Lessons                 |
| 80%                                  | 38 Days                   | 8 Weeks                                    | 190 Lessons                 |
| 75%                                  | 48 Days                   | 10 Weeks                                   | 240 Lessons                 |
| 70%                                  | 57 Days                   | 11.5 Weeks                                 | 285 Lessons                 |
| 65%                                  | 67 Days                   | 13.5 Weeks                                 | 335 Lessons                 |

# Key dates

- Parents consultation evening 17<sup>th</sup> November 2022
   3.30pm-6.30pm online booking available now
- Mock exams 30<sup>th</sup> January 2023 10<sup>th</sup> February 2023
  - Progress evening March 2023
  - Sixth form open evening Thursday 24<sup>th</sup> Nov 22

#### **FINALLY**

- Pupils are now getting their mock grades back. We would anticipate that, with continued hard work, these increase through the year.
- The revision and intervention programme (including a revision timetable and Monday Night Study Club) will begin after Christmas.
- In March, we've booked MADE training to come in and do some sessions on effective revision techniques. This was well received last year.
- PROM Hogarths Solihull 28<sup>th</sup> June 2023

**Ambition** 

**Bravery** 

**Kindness**