

# Welcome to the Virtual Year 11 Parents' Information Evening



We hope this presentation will be helpful for you. It will share key information and guidance on a range of issues, such as:

- An overview of Year 11 – Miss. Hemmings
- The parents’/carers’ guide to Google Classroom – Mr. Naisbitt
- Extra-Curricular & Student Leadership – Miss. Hemmings
- Resilience – Miss. Hemmings
- Able & Ambitious – Miss. Hemmings
- GCSE Examinations 2021 and strategies for maximising achievement – Mr. Banks
- Higham Lane Sixth Form – Mr. Ladha
- Working together to maximise achievement in English, Maths and Science – Mrs. Somel, Miss. Charnell and Mrs. Huxley





# Overview of Year 11

Miss Hemmings

Progress Leader for Year 11



# Returning to school

After all the disruption we have experienced this year, it is critical that we all help all students to re-establish healthy routines both at home and at school.

You will have received information about how we are running the school day and our hope is that students are now getting used to these new routines at school.

As you know, they will be walking back and forth to home bases between lessons, experiencing a lot of change, their lessons will not be quite as normal, breaktime and lunchtime will have restrictions and changes. They will need resilience to cope with these changes and I hope we can all work together to support them in this.

Another priority is establishing healthy bedtime routines after such disruption this year. We do appreciate this can be difficult after being out of routine for so long, but it is essential our students are ready to learn in the mornings.



# Some general reminders

- Staggered start time and specific point of arrival for each year group
- We aim for 100% attendance by every student
- Please contact us on the first day of absence if your child is ill (prior to 8.50am, if possible)
- If you have any concerns, please contact your son's/daughter's teacher, tutor or me



# Holiday requests

- “Headteachers may not grant any leave of absence during term time unless there are exceptional circumstances”.
- Holidays are not considered exceptional circumstances.



# Expectations

Uniform

Make Up

Jewellery

Mobile Phones

Attendance

Punctuality

Equipment



# Essential equipment

Current government advice states that staff are unable to lend any equipment to students due to potential cross contamination and so it is more important than ever that students are fully equipped for all of their lessons.



# Essential equipment

2 pens

A range of pencils

Ruler

Rubber

Sharpener

Highlighters

Pencil Case

Scientific Calculator

Protractor

Pair of Compasses

Purple pen

***White Board pen and small cloth/rubber***

***Coloured pencils***

***Small bottle of hand sanitiser and a pack of tissues***

Plus a water bottle (two during hot weather!)



# Rewards and Consequences

- Our Behaviour for Learning system rewards good behaviour and gives consequences for poor behaviour. It is based upon making the right choices in terms of how you behave.
- We prefer giving out rewards such as Love 2 Shop vouchers or money off the Prom/year book!



# Additional Behaviour Policy

Any behaviour which wilfully undermines the safety measures that the School has put in place or which risks staff or student safety, will not be tolerated. If such incidents occur, they will be treated as serious behavioural incidents and may result in exclusion from school.

Examples of such behaviours include:

- Deliberately ignoring the social distancing measures put in place for the protection of all;
- Any incident of spitting on school grounds, including at others;
- Deliberately coughing at another student or member of staff or pretending to do so as an act of horseplay;
- Behaviour or language that is intended to cause alarm or distress to staff or students about the current situation.

Truancy, or walking away from a member of staff, is considered potentially dangerous behaviour and will be sanctioned as such.



# Citizenship & CPSHEE and work-related learning

- Mental Health & Well Being
- Relationships
- Careers Education/Interviews
- Alcohol
- Extremism/radicalisation/terrorism
- Road Safety Talk.
- Alcohol/Drugs Awareness.
- Work Experience



# GCSE Grading

Old grades	New grades
A*	9
A	8
	7
B	6
	5 STRONG PASS
C	4 STANDARD PASS
D	3
E	2
F	1
G	1
U	U



# Key Dates for Year 11 2020-2021

<b>Trial Examinations 1</b> (English, Maths, Science only)	w/c Monday <u>4<sup>th</sup> November</u> 2020
<b>Sixth Form Open Evening</b>	Wednesday <u>4<sup>th</sup> November</u> 2020
<b>Student Progress Report</b> (Autumn)	Wednesday <u>2<sup>nd</sup> December</u> 2020
<b>Student Progress Evening 1</b>	Thursday <u>3<sup>rd</sup> December</u> 2020
<b>Trial Examinations 2</b> (all subjects)	From Wednesday <u>6<sup>th</sup> January</u> 2021
<b>Sixth Form Interviews</b>	w/c Monday <u>22<sup>nd</sup> February</u> 2021
<b>Student Progress Report</b> (Spring)	Wednesday <u>3<sup>rd</sup> March</u> 2021
<b>Student Progress Evening 2</b>	Thursday <u>4<sup>th</sup> March</u> 2021



# Year 11 Prom 2021



# Coombe Abbey

Friday 9<sup>th</sup> July 2021



# Behaviour

- No more than **30 LLD** points
- No more than **4 detentions** (pastoral, C3, subject)
- No more than **2 school detentions**
- No more than **2 C4s** (inclusion)
- No more than 2 Inclusions
- **No exclusions**



# Attendance

- No less than **95% attendance**
- No more than **10 lates** – to morning registration or period 4.
- **No truancy**



# Revision sessions

- Attended and actively participated in at least **10 lunchtime or after school revision sessions** during the spring or summer terms



# Family Information Service

- The Family Information Service provides free information to support families in Warwickshire with children and young people aged 0-25 regarding issues such as: childcare, SEND, help with finances and parenting support.
- Further information is available from <https://www.warwickshire.gov.uk/fis>



# The Parent/Carers' Guide to Google Classroom



# What is Google Classroom?

Think of Google Classroom (GC) as your child's digital link to learning.

Teachers use GC to share assignments, homework, newsletters, and much more with students AND parents!



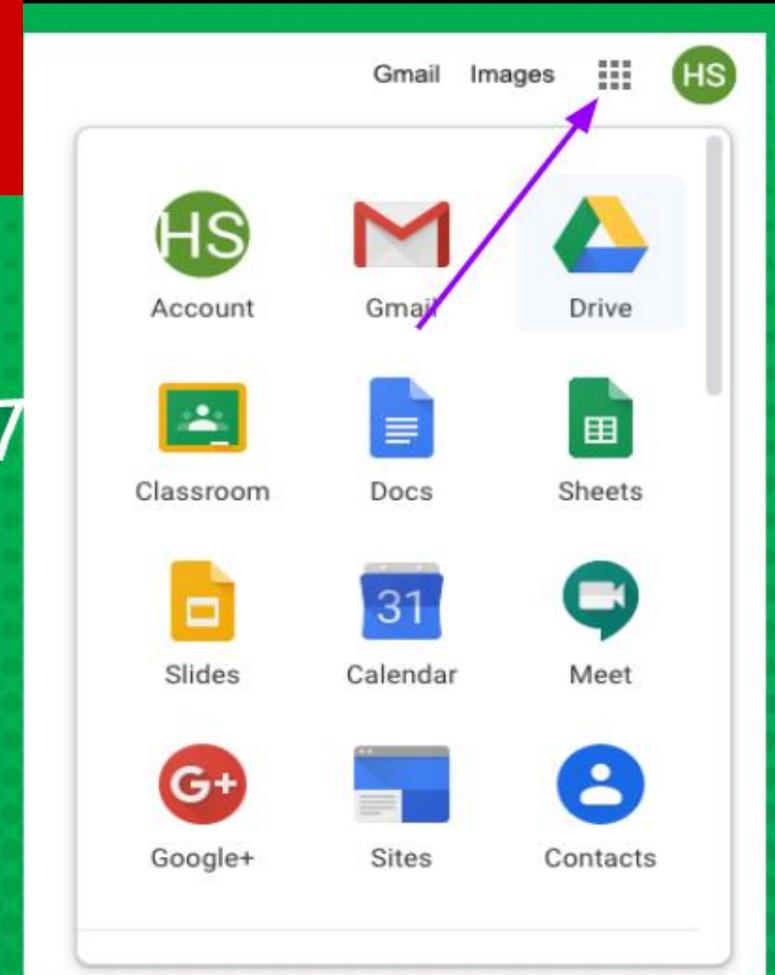
Google Classroom



Access Google Classroom via Google web browser

# GOOGLE SUITE

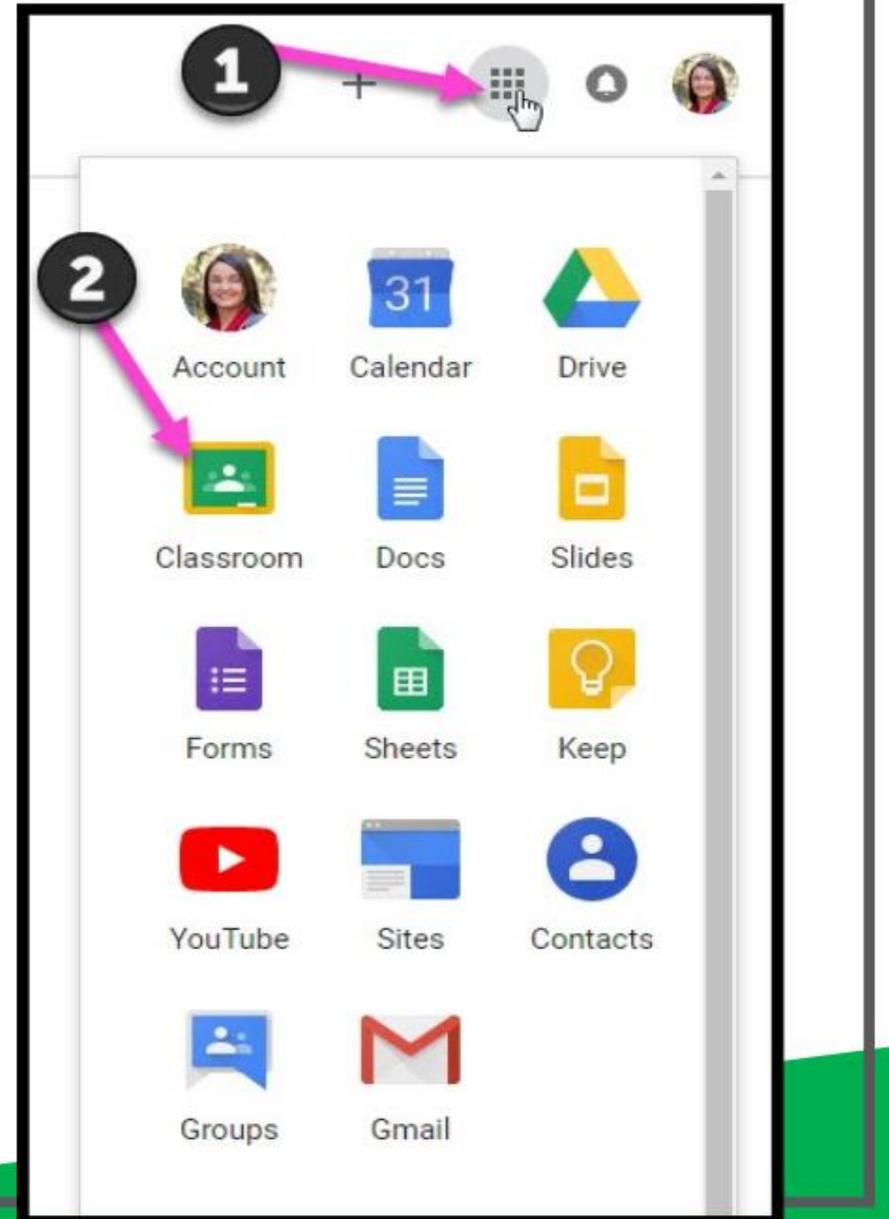
Click on the 9 squares (Waffle/Rubik's Cube) icon in the top right hand corner to see the Google Suite of Products!



# Navigating Classroom

1

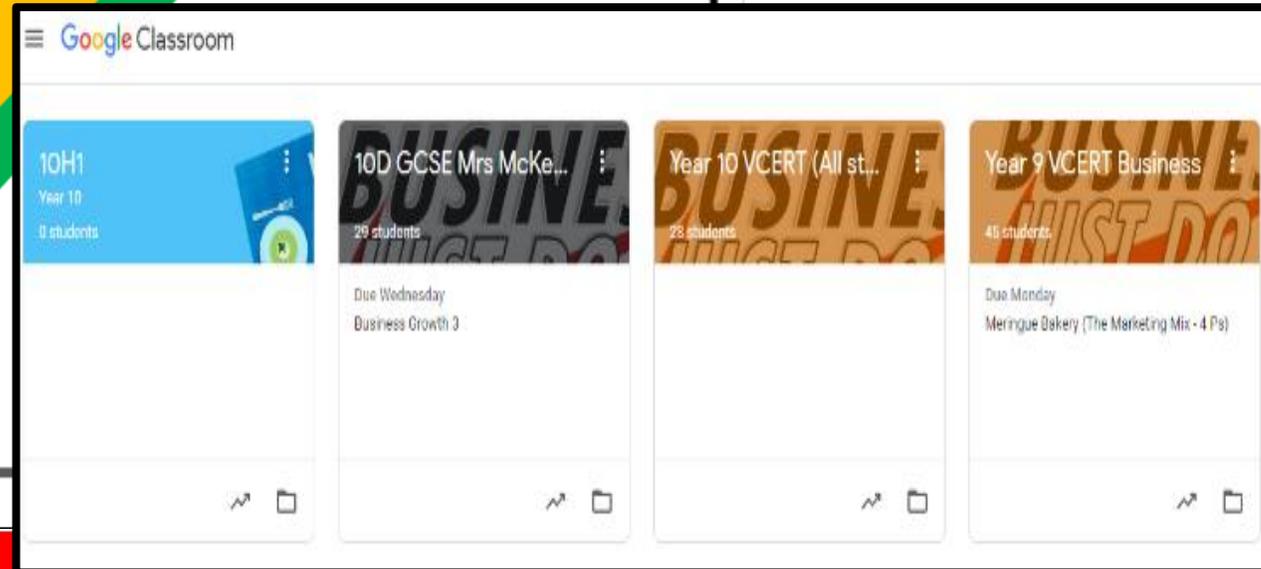
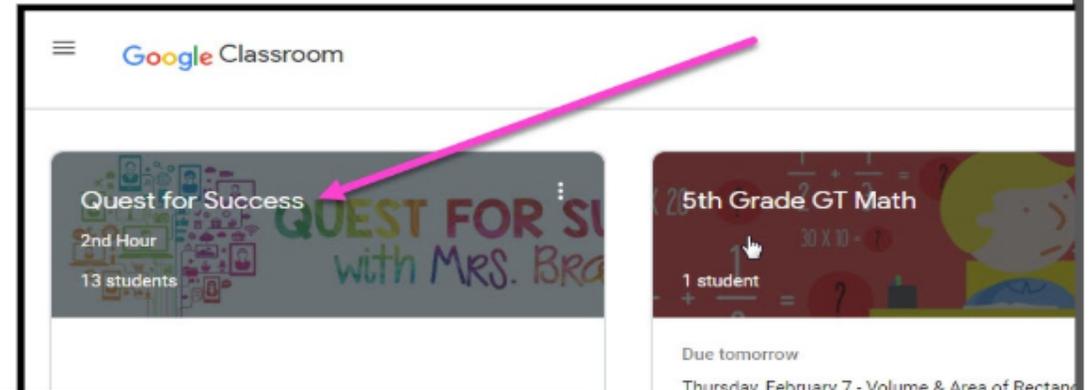
Click on the waffle button and then the Google Classroom icon



# Navigating Classroom

2

Students click on the class they wish to view

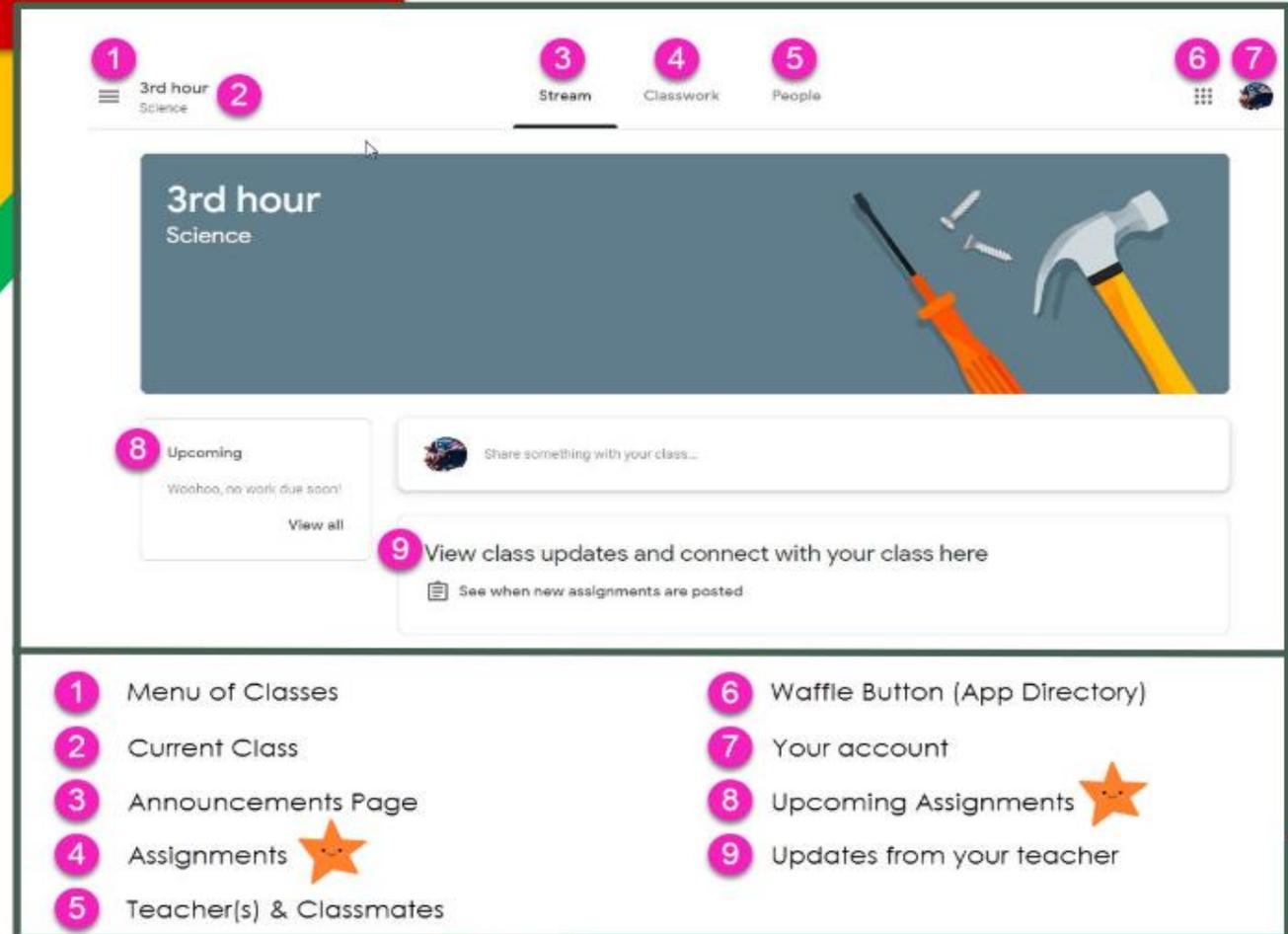


# Navigating Classroom

 = High Interest for Parents

# 3

## Typical Layout of Google Classroom



1 3rd hour Science 2

3 Stream 4 Classwork 5 People 6 7

3rd hour Science

8 Upcoming

Woohoo, no work due soon!

View all

Share something with your class...

9 View class updates and connect with your class here

See when new assignments are posted

1 Menu of Classes 6 Waffle Button (App Directory)

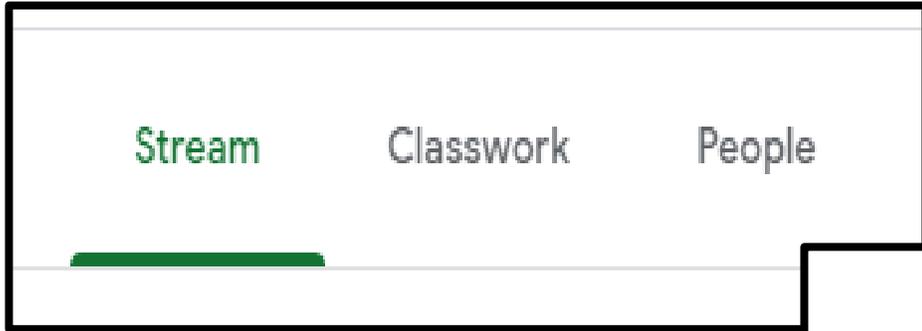
2 Current Class 7 Your account

3 Announcements Page 8 Upcoming Assignments 

4 Assignments 

5 Teacher(s) & Classmates 9 Updates from your teacher





Google Classroom

Each subject area has three main headings -  
**Stream, Classwork** and People  
**Stream** is the teacher's main announcement board, communication and information about work, such as guidance on what to do and by when.  
**Classwork** is where your child's teacher assigns work.



# Navigating Classroom

Click on **Classwork** to see the work set by your child's teacher. Here work, either individual tasks or tasks grouped under topic headings, is set out.

Click on a **Task** to reveal a snapshot of what the task is, screenshot box on the right.

Click on '**View Assignment**' to open up the assignment, bottom screenshot box.

The screenshot shows the Classroom app interface. At the top, there are tabs for 'Stream', 'Classwork' (highlighted with callout 1), and 'People' (callout 4). Below the tabs, there are icons for 'View your work' (callout 2), 'Google Calendar' (callout 3), and 'Class Drive folder'. The main content area is divided into sections: 'All topics' (callout 5), 'Benchmark Tests', 'Daily Lesson Files', 'Assessments', 'Back to School', and 'Resources'. Under 'Benchmark Tests', there is a task titled 'STAR Math Benchmark Test - BOY' with a due date of 'Due Sep 3'. Under 'Daily Lesson Files', there is a task titled 'For the Week of September 2 - 6' (callout 7) with a due date of 'Due Today' (callout 8) and a status of 'Assigned' (callout 9). Below this task, there are four PDF files: 'Day 1 - Multistep Equatio...', 'Day 2 - Variables on Both...', 'Day 3 - Infinite & No Solu...', and 'Day 4 - Algebraic Propor...' (callout 10). At the bottom, there is a 'View Assignment' button (callout 11).

1	Classwork Tab	5	Topics available	9	Assignment Status
2	See your Grades	6	Topic Headings	10	Attached files/links
3	See Due Dates	7	Assignment Title	11	Click to view assignment
4	View your files	8	Assignment Due Date		

# Autumn Term Development!

## How can Parents/Carers access Google Classroom?

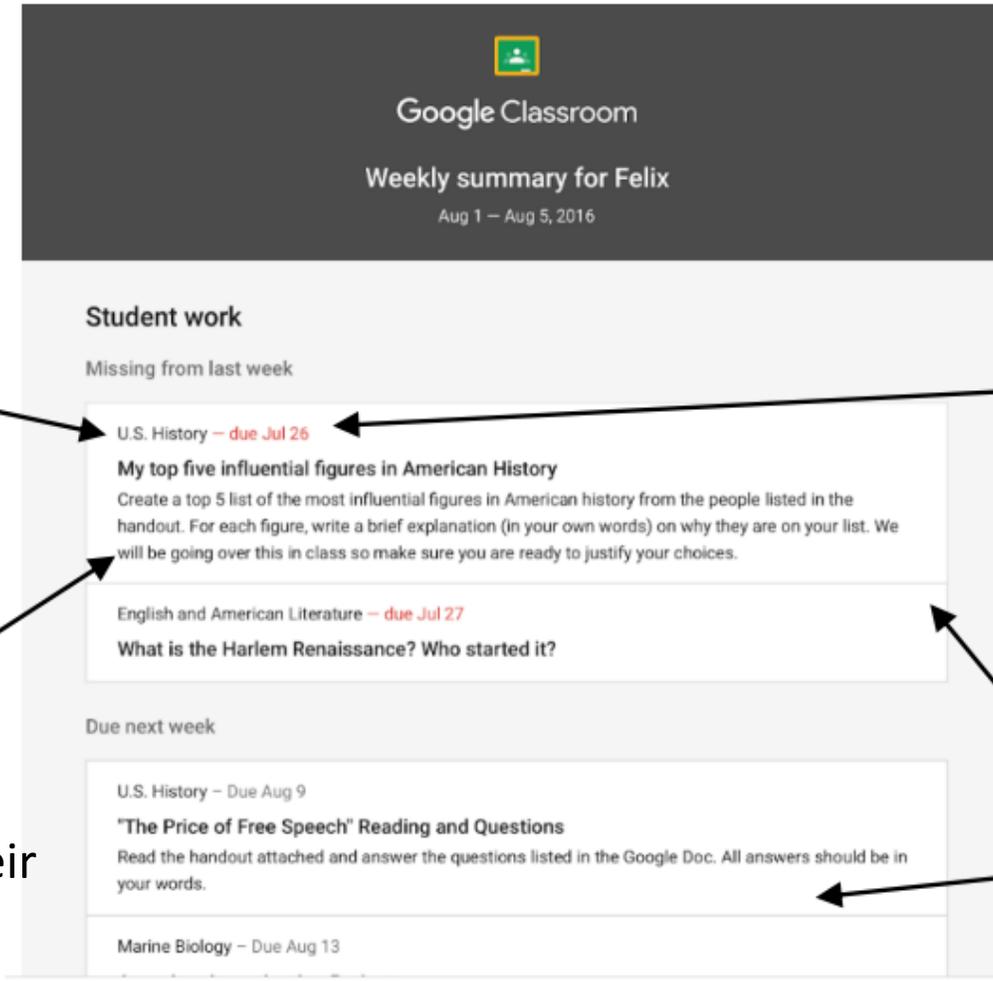
This term we're planning to configure settings to allow parents/carers to receive summary emails which can be weekly or changed to daily. An example can be found here:

Subject Title

Instructions for the task so you know what

Date will be red

Will show work outstanding from the previous week and the work due in the following week.



Parents/carers will be unable to access their son/daughter's classrooms directly.

Further details to follow

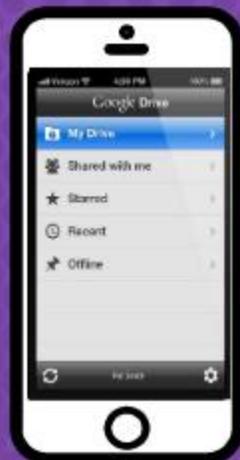


# ACCESS

# ANYWHERE



**ANDROID**



**IPHONE**



**TABLET**



**DESKTOP**

# Extra Curricular and Student Leadership



# Student Leadership at HLS

There is a fantastic range of leadership opportunities available for your child this academic year. We are actively recruiting students for the following roles:

- **Form Captains:** the first step on HLS' Student Leadership ladder. Each form has two Form Captains who collect and present the views of the form on a range of important topics throughout the year.
- **Student Voice:** a fantastic opportunity for your child to help promote positive changes around the school.
- **Year Ambassadors:** two students from Years 7-10 are selected following a rigorous application process to represent their Year Group at a range of meetings and events.
- **Anti-Bullying Ambassadors (ABAs):** the ABA program by the Diana Award Trust is a nationally recognized anti-bullying program. Each year 10-20 students are trained as ABAs to support the schools strong stance against bullying.
- **Evening Events Team:** Welcoming applications from students in Years 8, 9 & 10 – a chance to manage and support the smooth running of evening events throughout the school year.
- **The Junior Leadership Team, Senior Prefects, and Prefects:** Year 10 Students have the unique opportunity to apply for a place on the Junior Leadership Team. The application process starts in March. For those successful, this is truly unique opportunity to help shape and guide the vision of a school you have been a part of for four years.

*“Leadership is unlocking people's potential to become better”*

B.Bradley

All the information about these exciting opportunities will be available via SharePoint.

**For any further information please contact Mr. A Ireland - Student Leadership & Extra-Curricular Coordinator**



# Extra Curricular at HLS

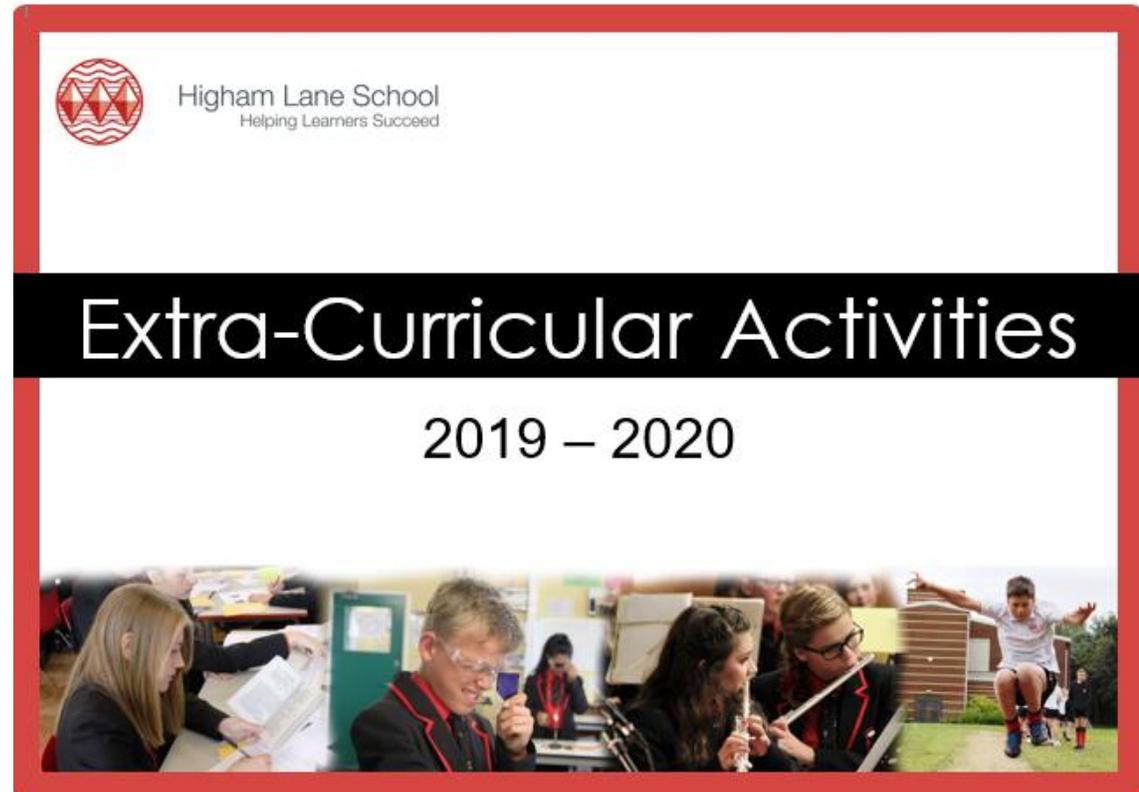
We are very proud of our Extra-Curricular programme at HLS. Last year we offered in excess of 80 clubs and activities – there quite literally is something for everyone!

Keep an eye out for the publication of the 2020-21 Extra-Curricular Booklet, before the end of September. It will look quite similar to this.

This booklet will contain all the information you need to know about Extra-Curricular at HLS.



*“The very rich range of additional opportunities promotes strong spiritual, moral, social, cultural and emotional development. This is a real strength of the school.” OFSTED 2019*



All the information about these exciting opportunities will be available via SharePoint.

**For any further information please contact Mr. A Ireland - Student Leadership & Extra-Curricular Coordinator**



# Resilience

The ability to bounce back from adversity.



# Looking after our mental health and wellbeing

- **Things I can't control**
- How long this will last
- How others react
- Predicting what will happen
- The actions of others
- If others follow the rules



# Things I can control

- Turning off the news
- My positive attitude
- Limiting my social media
- My own social distancing
- My kindness and understanding
- Finding things to do which I enjoy
- Eating well
- Getting enough sleep
- Regular exercise
- Talking about how I feel
- Listening to others



# Able & Ambitious

Opportunities at HLS



# Able & Ambitious Opportunities at HLS.

- ❑ **Mentoring**: one to one sessions with Able & Ambitious Co-Ordinator during registration or CPSHEE.
  - Sessions deal with individual needs such as organisation, time management, revision and learning strategies.
  - Y10 and 11 students will be identified based on specific needs then students and parents contacted by Mr Bottrill.
- ❑ **Think Higher & Warwick Sutton Scholars** : improving university access for disadvantaged Able & Ambitious students.
  - Includes one-to-one interviews, university day trips, revision residentials, showcasing work to family and holiday enrichment programmes.
  - Based on those living within priority areas; will be contacted by Mr Bottrill; information available on the Think Higher website: <http://www.thinkhigher.ac.uk/> and Warwick University website: <https://warwick.ac.uk/study/outreach/whatweoffer/suttonscholars/>
- ❑ **Cambridge University Residential**: selected Y11 students interested in university education - particularly Oxbridge - are nominated to take part in this residential taking place during the summer holidays.
- ❑ **Subject Transition Projects**: various subjects set voluntary projects to inspire deeper learning in that subject for new Year 7 students.
- ❑ **Growth Mindset in CPSHEE**: growth mindset is the belief that, rather than ability being innate, it comes through practice, resilience and effort.
  - All students take part in a series of lessons in PSHEE in years 7-9 to help them understand and develop this vital concept.



# Able & Ambitious Opportunities at HLS.

- ❑ **Lecture Programme**: lectures on a variety of inspirational topics designed to enrich students' education.
  - Students are encouraged to think deeply, take notes and debate important issues.
  - Lectures run after school and are open to ALL students who voluntarily sign up.
- ❑ **CREST Awards**: a scheme for student-led project work in STEM subjects (Science, Technology, Engineering, Maths).
  - Projects range from one hour to in-depth 70+ hours and develop not only ability in STEM subjects, but invaluable personal skills such as team work, leadership, creativity, organisation, etc.
  - Open to Able & Ambitious STEM students identified by Miss Willis and Miss Mackey who run the scheme.
- ❑ **Inter-Form Competitions**: in a number of subjects/disciplines to add a competitive element and foster team spirit.
  - Various sports, English spelling bee, Maths Olympics, Bake Off, Drama & music performances and more TBC.
  - Open to all students; information in assemblies and on SharePoint.
- ❑ **Excellence Programme**: develop students' CVs by encouraging them to 'go the extra mile'.
  - Students work through 10 competencies (such as public speaking, develop something within school, voluntary work, etc), recording their efforts and gaining a certificate on completion.
  - Year 10 students are selected on the basis of their letters of application which include two teacher references.



# Able & Ambitious Opportunities at HLS: Proposed.

- ❑ **TED Talk Club**: debates based on thought-provoking TED talks.
  - TED (Technology, Entertainment & Design) Talks have become a global phenomenon in which respected speakers from an array of disciplines talk about a wide range of important current issues. Students watch the talks then debate relevant issues.
- ❑ **History A&A Film Club**: students watch and discuss films about important historical events.



# GCSE examinations summer 2021 and strategies for maximising achievement

Mr Banks

Deputy Headteacher



# GCSE Examinations summer 2021

- Government's current intention is for exams to go ahead next summer
- Still considering whether to delay the start of exams
- Ofqual have announced some changes to examinations next summer to reflect lost teaching time
- 25 subjects will benefit from the changes including several of the core subjects
- Students will be informed by their teachers of how their particular subjects are affected



# Strategies for maximising achievement in Year 11

- Mentorship
- Success Group
- Super-curricular society
- Subject intervention
- Catch up and revision classes
- Progress check interviews with senior staff
- Assemblies
- Student Progress Reports & Student Progress Evenings
- Higham Lane School Loyalty Card
- Revision guides and useful websites



# Mentorship

- A targeted group of students will be mentored by our Learning Mentor.
- Regular meetings to discuss progress, concerns and revision strategies
- Clear link between attendance and achievement
- Mentorship is also undertaken by co-tutors



# Super-Curricular Society

- Aimed at our most able students
- Opportunities to deepen subject knowledge and explore degree courses
- Opportunities to take part in A Level taster lessons
- University visits
- First-Aid and Sign Language courses



# Subject intervention

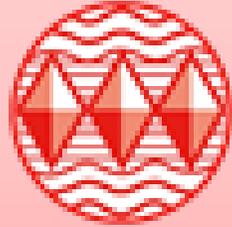
- Maths and English intervention lessons for identified students during registration and core PE
- Other subjects will be offering catch up lessons at lunchtimes and after school



# Success Group

- Aimed at students who we are confident will achieve but who may need some extra support or encouragement!
- Linked to rewards
- Maximum of 30 boys and 30 girls





Higham Lane School  
Helping Learners Succeed

Year 11

‘Loyalty’ Card

Name .....

Form .....



# Revision guides and useful websites



Higham Lane School  
Helping Learners Succeed

## REVISION GUIDES AND USEFUL WEBSITES

(The awarding body, course title and course code are shown in brackets)

### ART AND PHOTOGRAPHY

(OCR GCSE (9-1) FINE ART: J171)

(OCR GCSE (9-1) PHOTOGRAPHY J173)

*Qualification Materials:*

[www.ocr.org.uk/Images/220463-specification-accredited-gcse-art-and-design-j170-j176.pdf](http://www.ocr.org.uk/Images/220463-specification-accredited-gcse-art-and-design-j170-j176.pdf)

*Websites:*

[www.bbc.co.uk/schools/gcsebitesize/art/](http://www.bbc.co.uk/schools/gcsebitesize/art/)

[www.studentartguide.com](http://www.studentartguide.com)

[www.pinterest.co.uk](http://www.pinterest.co.uk)

[www.illustrationweb.com](http://www.illustrationweb.com)

<http://visualarts.britishcouncil.org/collection/artists>

[www.gac.culture.gov.uk/places\\_browser.aspx](http://www.gac.culture.gov.uk/places_browser.aspx)

N.B. Teachers will refer to exemplar portfolios throughout the year to support with assessment objectives. More are available to look at upon students' request.

**BUSINESS** (Edexcel GCSE Business) 1BS0



**HIGHAM LANE  
SIXTH FORM**

# Higham Lane Sixth Form



**ACHIEVE - BELIEVE - SUCCEED**

# HIGHAM LANE SIXTH FORM

## 2020 Leavers - Year 13

HE	76	85.4%
Apprenticeship	1	1.1%
Employment	6	6.7%
FE	2	2.2%
GAP	4	4.5%
Total	89	
STEM	13	17%
RUSSELL	19	25%

# HIGHAM LANE SIXTH FORM

- **Excellence in teaching** (Helping Learners Succeed)
- **Excellence in pastoral support and enrichment opportunities** (preparation for an ever-changing world)
- **Excellence in advice and guidance** (positive progression to post 18 pathways - partners with businesses and HE providers)

A natural pathway for Year 11

**HIGHAM LANE  
SIXTH FORM**

**SIXTH FORM OPEN  
EVENING  
Wednesday 4<sup>th</sup> November  
2020**

Information and application process

Subject stalls

Post 18 careers convention – universities and apprenticeship providers

See you there

Visit the Higham Lane Sixth Form website and Twitter (@HLSSixthForm) for latest information

**ACHIEVE - BELIEVE - SUCCEED**

Working together to  
maximise achievement in  
English



# GCSE English Language: 2 exams

## Component 1: 1 hour and 45 minutes examination:

- **Section A:** respond to a Literature reading and Creative prose text through structured questions – **20%**
- **Section B:** Prose writing: descriptive, imaginative writing task – **20%**

## Component 2: 2 hour examination:

- **Section A:** 19<sup>th</sup> and 21<sup>st</sup> century Non-Fiction reading texts respond to structured questions **30%**
- **Section B:** 30% Transactional, persuasive, discursive writing, 2 tasks – **30%**



# GCSE English Literature: 2 exams

## Component 1: 2 hours

- **Section A:** 'Macbeth' 2 essay questions
- (Section B: Anthology poetry 2 essay questions)\*\* awaiting Exam Board confirmation

## Component 2: 2 hours and 30 minutes

- **Section A:** 'An Inspector Calls' 1 essay
- **Section B:** 'A Christmas Carol' 1 essay
- **Section C:** Unseen Poems 2 essays



# The Secret of our Students' Success at HLS:

## Successful students:

- Re-read each of the set texts at least 3 times
- Created their own revision materials such as quotation cue cards/ revision posters / timelines
- Learned and applied the Top Tips for each of the questions on the Language exams
- Completed LOTS of exam practice questions- there are ample questions in your work booklets
- Ensured that some aspect of English/Literature revision was completed every day – 15-20 minutes makes a big difference to your knowledge retention and improving confidence with writing responses.
- Attended the lunchtime/after-school revision classes on offer



# Year 11: the year ahead:

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
GCSE LANGUAGE	<p>(a) Component 1 exam revision</p> <p>(b) Spoken Language Assessment</p>	<p><u>Assessments:</u></p> <p>- Nov Trial Exam: Language Component 1 (2/11/20)</p> <p>(a) Component 2 exam revision</p> <p>(b) Spoken Language assessment cont.</p>	<p><u>Assessments:</u></p> <p>- Jan Trial Exam: Language Component 2 (3/1/21 – 22/1/21)</p> <p>(a) Component 1 revision (3 weeks): Narrative Writing focus</p>	<p><u>Assessment:</u></p> <p>- Component 1 Section B: Narrative Writing (22/2/21)</p> <p>(a) Component 2 revision</p>	<p>Language Revision</p> <p>Exams</p>	Exams
GCSE LITERATURE	<p>(a) Macbeth (4 ½ weeks – end Sept)</p> <p>(b) ACC revision (3 weeks plus 4 weeks)</p>	<p><u>Assessments:</u></p> <p>- Nov Literature Trial Exam: Macbeth (2/11/20)</p> <p>(a) ACC revision (4 weeks)</p> <p><u>Assessments:</u></p> <p>- ACC Literature Exam (2/11/20)</p> <p>(b) Unseen Poetry revision</p>	<p><u>Assessments:</u></p> <p>- Jan Literature Trial Exam: Unseen Poetry (3/1/21 – 22/1/21)</p> <p>(a) An Inspector Calls revision (3 weeks -after exams)</p>	<p>(a) An Inspector Calls revision (3 weeks)</p> <p><u>Assessments:</u></p> <p>- ACC Literature Exam (15/3/20)</p> <p>(b) Literature Revision</p>	<p>Literature Revision</p> <p>Exams</p>	Exams



# Our message for you:

- ✓ 100% commitment at all times starting TODAY!
- ✓ Take responsibility for your learning: get your revision guides, complete homework to an excellent standard, create revision materials, learn your quotations, build your vocabulary bank, work hard EVERY lesson and act on advice.
- ✓ If you are struggling, seek help sooner rather than later.
- ✓ Re-read and re-read texts– **be an expert** on them!
- ✓ Revise for each mock exam/assessment. **APPLY** the TOP TIPS that your teacher shares with you.
- ✓ Get organised NOW- keep all notes/revision materials in labelled folder(s).



# How we will support you:



- Excellent lessons to help prepare students with support materials and resources with clear advice, examples and Top Tips for all papers and our Interleaving Revision strategies.
- Knowledge Organisers and Exam Booklets for every component
- Homework designed to enhance revision, support and challenge.
- Lots of extra resources and information on the English Shared Area
- Use Google Classroom for regular quizzing
- Intervention programme to target students who need additional help.
- After-school Revision Classes
- Provide lots of opportunities for you to complete exam questions and give detailed feedback on how you can improve.



Working together to maximise  
achievement in Maths



# GCSE Mathematics – Curriculum Plan

Students will receive a bespoke programme of study tailored to supporting their progress following working from home.

Step 1: Revisit and assess knowledge covered whilst working from home in 'September Lockdown tests'

Step 2: Revisit, secure and assess topics that were part covered whilst working from home

Step 3: New content for Year 11 covered and mastered.

A tailored dedicated programme of revision will be delivered in the remainder of the Spring and Summer term to enable your son/daughter to maximise their potential using feedback from their trial exams

Unit Number	Topic	Notes
Year 10 Content in Spring and Summer		
25	Powers and Roots	Taught in lessons before Lockdown
26	Standard Form	Taught in lessons before Lockdown
27	Surds (Higher Only)	To be revisited in Y11
28	Plane Vector Geometry	Lockdown (part covered - to be revisited in Y11)
29	Plane Isometric transformations	Covered in Lockdown - knowledge check in September 'Lockdown tests'
30	Congruent triangles	New Content - Year 11
31	Similarity	Covered in Lockdown - knowledge check in September 'Lockdown tests'
32	Pythagoras' theorem	Covered in Lockdown - knowledge check in September 'Lockdown tests'
33	Trigonometry	Lockdown (part covered in Taught lessons in July - to be revisited in Y11)
Year 11 Content		
34	Circle Theorems (Higher Only)	New Content - Year 11
35	Discrete Growth and Decay	Covered in Lockdown - knowledge check in September 'Lockdown tests'
36	Direct and Inverse Proportion	New Content - Year 11
37	Collecting and Displaying data	New Content - Year 11
38	Analysing data	New Content - Year 11
39	Interpreting graphs	New Content - Year 11
40	Algebraic inequalities	New Content - Year 11
41	Transformations of Graphs (Higher Only)	New Content - Year 11

The Maths department will also be offering catch-up sessions during the course of the year. More information to follow via Maths teachers and on SharePoint.

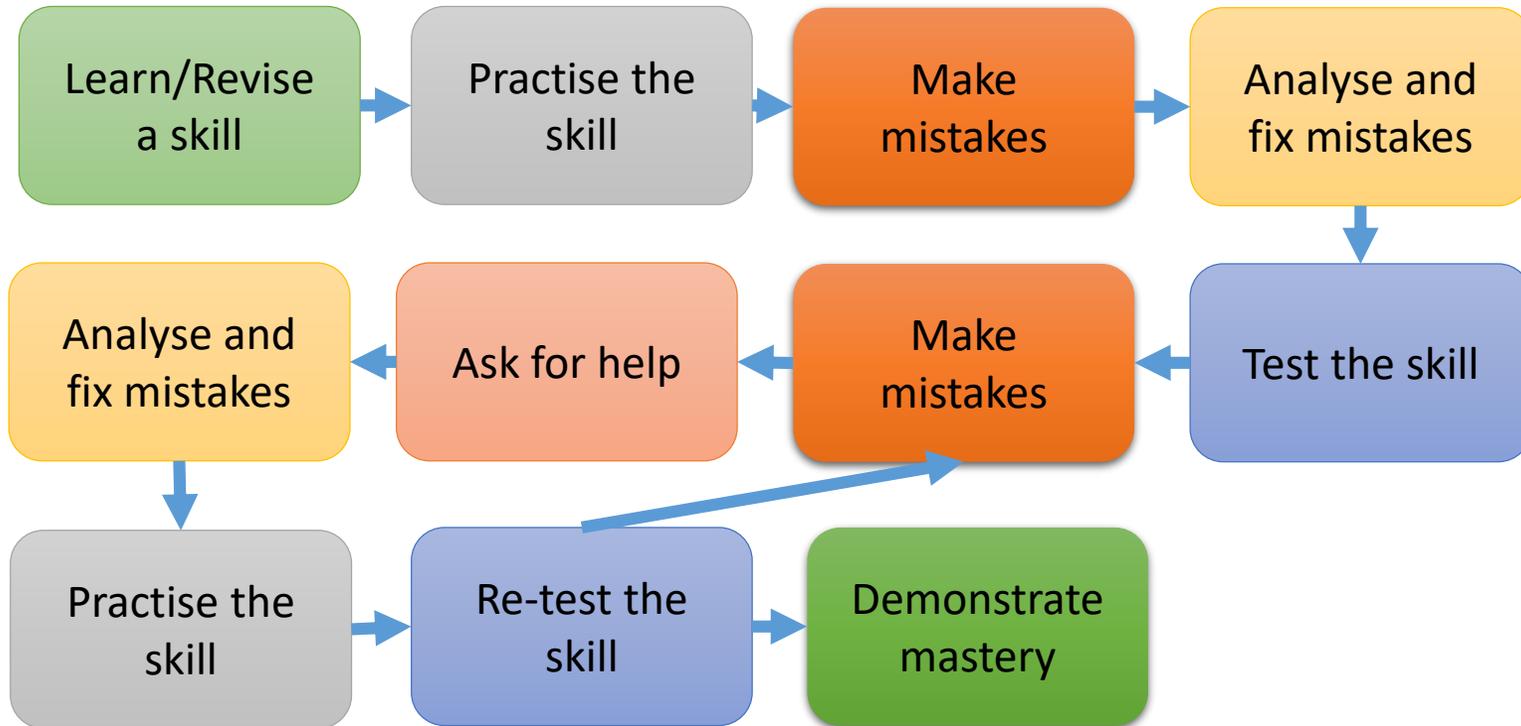


# GCSE Mathematics – Learn More, Do More

Excellent progress in Maths is developed through regular practise and resilience to overcome those barriers in understanding.

*'Mathematicians aren't people who find maths easy. They're people who enjoy how hard it is'*

## How to learn and revise maths



### Learn/Revise a Skill strategies

- Knowledge Organisers
- Lessons
- Revision Guides
- Corbett Maths video clips
- MyMaths lessons

### Practise the skill strategies

- Practise Questions on Corbett Maths
- MyMaths tasks and booster packs
- Dr Frost Maths
- Revision packs for Termly Assessments
- Maths Genie Graded Exam Questions



# Using Online Resources to support learning from home

## How will Google Classroom be used to enhance Teaching and Learning in Maths?

Students will be invited to join their class on **Google Classroom** so that class teachers are able to

- Share **Home Learning** resources and deadlines
- Share **additional resources** such as online videos that will support your son/daughter's progress
- Provide **targeted intervention** for your son/daughter if they are struggling with a particular topic.

An enhanced programme of revision will be provided on Google Classroom this year to support your son/daughter's progress.

Online revision sessions will include

- Video tutorials to support revision of topics
- Differentiated questions and answers to enable students to self-assess their understanding
- The opportunity for students to draw on their teachers for extra support.

## How will Dr Frost Maths be used to enhance Teaching and Learning in Maths?

**Dr Frost Maths** is an online learning platform that will enable the Maths department to provide detailed feedback to each student.

- Students receive **homework** set by their teacher.
- Students can access **videos, key skills** and **practise** by topic.
- Teachers receive question by question **analysis**, can see student's working out and can provide individual **feedback** alongside whole class feedback.

**Students will receive their own individual logins to each of these online platforms in September, as well as detailed instructions on how to access and use them.**

**Students are encouraged to familiarise themselves with the features of these platforms and use the revision and review functionality to improve their skills.**



# Dr Frost Maths

<https://www.drfrostmaths.com/index.php>

Students can expect home learning to be set on Dr Frost Maths at least once per half term.

Empowering students and teachers in mathematics.

DrFrostMaths provides an online learning platform, teaching resources, videos and a bank of exam questions, all for free.

6753 schools logged on since Sept 2018. 7.29 million resource downloads.

Login

Register



**Demo Student**

Higham Lane School

Points this Year: 0 Global Rank: N/A

Key Skills: 0/506



Key Skills are finegrained question types where you can practise randomly generated questions with accompanying short worked example videos.

Go

Latest Homework

You don't yet have any homework.

Review All

Trophies: 0/37

You earn trophies for achievements related to answering questions.

View

Practise by Topic

Practise past paper questions by topic and difficulty.

Go

Videos: 0/270

Watch teaching videos before you attempt new topics.

View

Example feedback

+ Q1 + Q2 + Q3 + Q4 + Q5 + Q6 + Q7 + Q8

Override mark See full markscheme

Qxjgyo Ecvvabw Last month

I might need some help on this one? - Delete

Miss Charnell Last month

Just add 180 as bearings are measured clockwise from North... - Delete

Ttmipp Vwjtdpv Last month

Oh right, that makes more sense now! - Delete



# Remote Learning

## What will students study if they are unable to attend lessons (due to self-isolation, etc)?

Class teachers will upload resources for students to access on **Google Classroom**. These will include **video tutorials** to support students in understanding Maths content, **differentiated questions** and answers. Students will be able to message their teacher through the private message function on Google Classroom. Depending on the length of absence, there may also be **assessments** on MyMaths or Dr Frost Maths which the class teacher can use to provide feedback.

## What will students study in the event of a school closure?

In the event of a prolonged closure (2 weeks or more), students will be provided with consistent work relevant to their tier of entry.

Students will be provided with **lesson by lesson guidance** on what they need to complete. This guidance will be supported **with video tutorials** to enhance understanding, visualiser **demonstrations** and **assessment opportunities** through Dr Frost Maths. A range of whole class feedback and personalised support will be provided following the school policy.

In Year 11 in particular, content will be dependent on the time of year.

- During the Autumn term, students are likely to move onto a separate topic which is more accessible for learning from home. They would cover any missed content on their return to school.
- During late Autumn and throughout the Spring term, students are likely to be provided with a tailored revision programme that reflects their current progress.

Students will be actively encouraged to use the private message function on Google Classroom to draw on personalised support from their teacher(s).





# Essential top tips – what can students do to improve?

Structure revision programme provided by school

## Revision Packs

Year 10  
Revision  
Higher Tier  
Booklet

These questions have been put together to help you prepare for your upcoming Year 10 Assessment.

Things to remember:

- If you are unsure, use MyMaths to help you
- MyMaths club is on Wednesday lunchtimes in MA1
- If you get stuck on some of these questions make sure you ask your teacher for help

## Exam Papers

OCR  
Oxford Cambridge and RSA

GCSE (9–1) Mathematics  
J560/01 Paper 1 (Foundation Tier)

Thursday 25 May 2017 – Morning  
Time allowed: 1 hour 30 minutes

You may use:

- A scientific or graphical calculator
- Geometrical instruments
- Ruler and compasses

First name: \_\_\_\_\_  
Last name: \_\_\_\_\_  
Centre number: \_\_\_\_\_ Candidate number: \_\_\_\_\_

**INSTRUCTIONS**

- Use black ink. You may use an HB pencil for graphs and diagrams.
- Complete the boxes above with your name, centre number and candidate number.
- Answer all the questions.
- Read each question carefully before you start to write your answer.
- Where appropriate, your answers should be supported with working. Marks may be given for a correct method even if the answer is incorrect.
- Write your answer to each question in the space provided.
- Additional paper may be used if required but you must clearly show your candidate number, centre number and question number(s).
- Do not write in the barcodes.

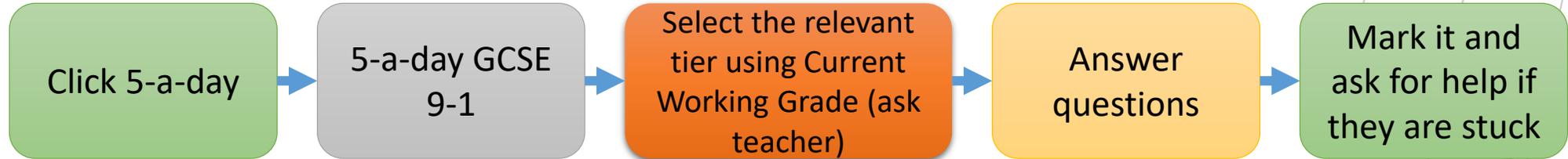
**INFORMATION**

- The total mark for this paper is 100.
- The marks for each question are shown in brackets [ ].
- Use the  $\pi$  button on your calculator or take it to be 3.142 unless the question says otherwise.
- This document consists of 20 pages.

© OCR 2017. All rights reserved. OCR is an exempt charity. Turn over

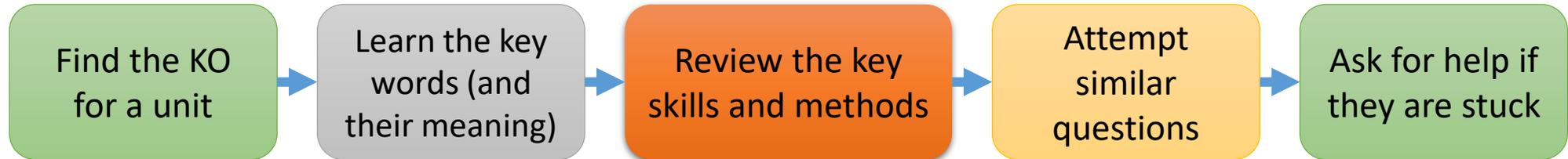
## Corbett Maths <https://corbettmaths.com/>

Practise skills using the 5-a-day



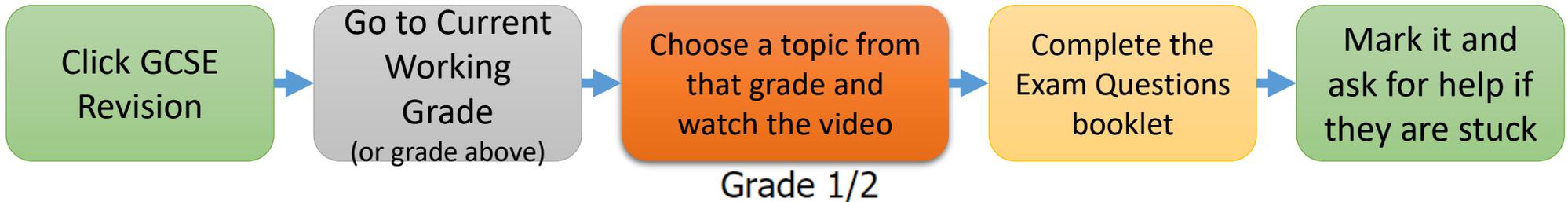
## Knowledge Organisers

Test knowledge of the key skills, definitions and methods from each unit



## Maths Genie <https://www.mathsgenie.co.uk/>

Use the Exam Questions by topic booklets to fill gaps in knowledge at Current Working Grade or Grade above



Videos

[Addition and Subtraction](#)

Exam Questions Booklet

[Addition and Subtraction](#)

Solutions

[Solutions](#)



# Essential top tips

## Success in Maths – How you can help your son/daughter?

- Are there any topics they are struggling with? ***What are they doing about it?***
- Do they have all the equipment they need, including a scientific calculator? *Are they bringing it to lessons?*
- Ensure they are doing maths practice– *are they doing the Corbett maths 5 a day on the days that they don't have maths? What about the weekend? What about Maths Genie booklets?*
- Ask to see their homework/exam papers – *check the quality of it, are they putting in maximum effort? How long are they taking?*

## Maths Intervention

- Your son's/daughter's progress is monitored closely by their Maths teacher
- 'Intervention' groups to be set up each term to support underachieving students. These will be reviewed after each assessment point.

Students need to come fully equipped to lessons – they need to practise with the equipment they'll have in the exam.

Teachers will not be able to share equipment with the students this year due to current restrictions.

Students must have:

- Pen, pencil, ruler, purple pen, glue
- Protractor, pair of compasses
- **Scientific calculator**

(CASIO fx-83GT PLUS)

(CASIO fx-85GT PLUS)

CASIO fx-83GT X

**CASIO fx-85GT X**

**CASIO fx-991EX (Classwiz)**

## GCSE Statistics/Level 2 Further Maths

- The 'Fast Set' (111Ma1) and 'Dual Set' (112Ma1) will continue to study GCSE Statistics. Students will receive additional support in studying this qualification in the event of school closure and can find additional resources on MyMaths and Statistics Genie <https://www.mathsgenie.co.uk/statistics.html>
- For the 'Fast Set' (111Ma1), Level 2 Further Maths will be kept under review over the course of the 2020-21 academic year. GCSE Statistics will be prioritised. However, students will be introduced to the higher level maths included in this specification as much as possible even if we decide it is not appropriate for them to be entered for the exam due to the lost curriculum time.



Working together to maximise  
achievement in Science



# Science qualifications

- Awarding body - AQA
  - GCSE Combined Science Trilogy (equivalent to 2 GCSEs)
  - GCSE Biology
  - GCSE Chemistry
  - GCSE Physics
- } Single Sciences (equivalent to 3 GCSEs)
- Both the Single Science and Combined Science routes allow access to all Science A-level and degree level courses



# GCSE Science content

- Two areas are assessed through exam papers:-
  - Working scientifically
  - The key ideas and concepts of Biology, Chemistry and Physics
- Practical skills will also be assessed through exam papers. This will comprise 15% of the GCSEs
- 8 key practical tasks that students will complete per GCSE (16 for Combined Science; 24 for Single Sciences)
- 15% of marks will be based on maths skills.
- 17 Physics equations students must be able to recall and apply in the Foundation and Higher tier papers



# Year 11 Science topics

Biology	Chemistry	Physics
Ecology	Quantitative calculations Using resources	Magnetism and electromagnets
Once the topics are complete the students will be revising in Science lessons.		



# Google classroom

Students will need to join the Google classroom set-up by each of their Science teachers, 3 in total. Class codes shared with students at the start of term.

- Homework
- Quizzes
- Video tutorials
- Revision resources
- Links to BBC Bitesize and other useful websites



# Remote learning

- All work to be communicated and uploaded in the Google classroom stream.
- Students will be set revision work to complete.
- Powerpoints, written activities, video tutorials by class teachers and use of external sources like BBC Bitesize and the National Academy.
- Detailed instructions from their teacher in the Google classroom stream and via voiceover in the powerpoints.
- Students can complete work in exercise books or on paper.



# Support

- GCSE Science Revision Guides and work book
- Knowledge organisers
- Seneca learning website
- How to Revise Student Guide [Share point: Science/Revision Tips (KS3 & KS4)]
- GCSE Biology resources [Share point: Science/AQA Biology]
- GCSE Chemistry resources [Share point: Science/AQA Chemistry]
- GCSE Physics resources [Share point: Science/AQA Physics]



Thank you for watching

