



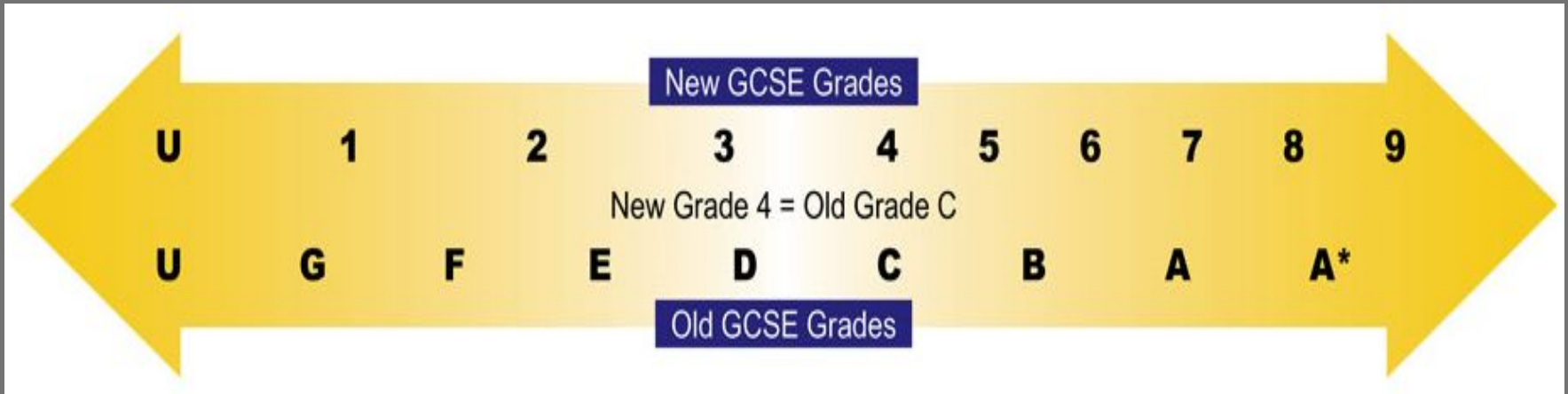
Ansford Academy

Learning together to Lead our Lives

Year 10 Information Evening
13th September 2023



Grades



Grade 5 is a strong pass

Grade 4 is a standard pass

KS4 Curriculum

Core					Options			
English GCSE English Language GCSE English Literature 2 GCSEs	Maths GCSE 1 GCSE	Science GCSE Combined Award 2 GCSEs	PE	PSHCE Covered through lessons	1	2	3	4
Total (minimum) = 5 GCSEs					Total = 4 GCSEs (or equivalent)			
Work Experience Year 10: One week for all students								



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Mrs Lizzy Rice
Head of English



English Language and English Literature

- Two GCSEs and two grades at the end of Year 11.
- There are four examinations at the end of the course (Y11). Two of these are for Literature and two are for Language.
- All examinations are closed book (no copies of the text to be taken into exams). Language examinations contain unseen extracts and Literature Paper 2 contains unseen poems.
- Both Language & Literature are studied side by side and overlap in terms of the skills required.

English Language AQA

Paper 1: Explorations in Creative Reading and Writing (50%)	Paper 2: Writers' Viewpoints and Perspectives (50%)	Non-examination Assessment: Spoken Language (PASS/FAIL)
<p>Section A: Reading</p> <ul style="list-style-type: none">• One 20th or 21st Century literature fiction text <p><i>Students will answer 4 questions on an extract.</i></p> <p>Section B: Writing</p> <ul style="list-style-type: none">• Descriptive or narrative writing using <i>a visual prompt.</i>	<p>Section A: Reading</p> <ul style="list-style-type: none">• One non-fiction 19th Century text and one literary non-fiction 20th or 21st Century text <p><i>Students will answer 4 questions on two extracts.</i></p> <p>Section B: Writing</p> <ul style="list-style-type: none">• Writing to present a viewpoint (<i>e.g. article, speech, etc.</i>)	<ul style="list-style-type: none">• Presenting• Responding to questions and feedback• Use of Standard English <p><i>Please note this does not count toward the GCSE and students will receive a separate (ungraded) certificate.</i></p> <p><i>Students completed this component of the course at the end of Year 9.</i></p>

English Literature AQA

Paper 1: Shakespeare and the 19th century novel (40%)

- Shakespeare - Macbeth
- The 19th century novel - A Christmas Carol by Charles Dickens

Section A - Shakespeare: Students will answer one question. They will be required to write in detail about an extract from the text and then to write about the play as a whole.

Section B - The 19th century novel: Same as above.

Paper 2: Modern texts and poetry (60%)

- Modern texts – Animal Farm/An Inspector Calls (class teacher will confirm with students)
- Poetry – Power & Conflict Collection
- Unseen poetry

Section A Modern Texts: Students will answer one essay question from a choice of two on their studied modern prose or drama text.

Section B Poetry: Students will answer one comparative question on one named poem printed on the paper and one other poem from the cluster.

Section C Unseen poetry: Students will answer one question on one unseen poem and one question comparing this poem with a second unseen poem.

How we run the course

Year 10

	Term 1		Term 2		Term 3	Term 4	Mock	Term 5	Term 6
Literature	Christmas Carol		Christmas Carol		Power & Conflict	Power & Conflict		AF/IC	AF/IC
Language	Paper 1 SA		Paper 1 SA		Paper 1 SB	Paper 1 SB	Paper 1	Paper 2 SA	Paper 2 SA/SB

Year 11

	Term 1	Mock	Term 2	Mock	Term 3	Term 4		Term 5	Term 6
Literature	Macbeth		Macbeth	Lit 1 & Lit 2	Revision	Revision		Revision	
Language	Paper 2 B	Paper 2	Unseen		Revision	Revision		Revision	

Assessment and Tracking Progress

Mini-milestones (practice assessments) are taken about half way through a unit so that teachers can provide feedback and students have time to work on particular areas before the milestone.

Milestones (key assessments) are taken at the end of a unit and are a chance to review how students' skills have developed since the milestone and what else needs work or revision before the Mock exam.

Mock exams give the real experience of sitting a GCSE paper in exam conditions. They are used by teachers (along with milestone results) to report progress.

GCSE Set Texts:

Macbeth by William Shakespeare

A Christmas Carol by Charles Dickens

Animal Farm by George Orwell or

An Inspector Calls by J.B.Priestley



Recommended Study and Revision guides include:

CGP GCSE English Macbeth: The Text Guide*

CGP GCSE English Animal Farm: The Text Guide*

CGP GCSE English A Christmas Carol: The Text Guide*

CGP GCSE English An Inspector Calls: The Text Guide*

CGP GCSE English AQA Anthology of Poetry – Power and Conflict*

CGP GCSE English AQA Unseen Poetry*

CGP GCSE AQA English Language*

Collins AQA Snap study guides are also excellent and very accessible.*

Finally

As all students take English Language and English Literature, it is vital they spend at least 1 hour per week on independent study.

A variety of independent tasks will be set over the course but often will be focused on revision or exam practice. Wider reading is encouraged as part of independent study.

Succeeding in English will only be possible with lots of independent revision and re-reading over the two years.



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Mrs Trish Withers
Head of Mathematics



Mathematics Edexcel

- All classes are set in Year 10
- Students will study either Higher (grades 4-9) or Foundation (grades 1-5) depending upon their ability
- All students will take their GCSE in Year 11
- A pass is a grade 4 or above. Anything below this is a compulsory resit at college
- The GCSE consists of three 90 minute papers – The first being non-calculator and paper 2 and 3 calculator

Mathematics Edexcel

- Scientific calculators are compulsory and must be in every lesson
- Revision guides, exam question folder, mathswatch and OnMaths.com are available to support students
- After school revision/support sessions run every week after school in year 11
- Lunchtime sessions will be organised by the class teacher
- Homework will be set once a week
- Students will complete a weekly test/exam in year 11

Year 10 Scheme of Learning

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Similarity Congruence, similarity & enlargement VIEW		Similarity Trigonometry VIEW		Developing algebra Representing solutions of equations & inequalities VIEW			Developing algebra Simultaneous equations VIEW				
Spring term	Geometry Angles & bearings VIEW	Geometry Working with circles VIEW		Geometry Vectors VIEW	Proportions & proportional change Ratios & fractions VIEW		Proportions & proportional change Percentages & Interest VIEW		Proportions & proportional change Probability VIEW			
Summer term	Delving into data Collecting, representing & interpreting data VIEW			Using number Non-calculator methods VIEW		Using number Types of number & sequences VIEW		Using number Indices & roots VIEW		Expressions Manipulating expressions VIEW		

Year 11 Scheme of Learning

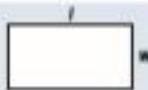
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	<p>Graphs</p> <p>Gradients & lines</p> <p>VIEW</p>		<p>Graphs</p> <p>Non-linear graphs</p> <p>VIEW</p>		<p>Graphs</p> <p>Using graphs</p> <p>VIEW</p>		<p>Algebra</p> <p>Expanding & factorising</p> <p>VIEW</p>		<p>Algebra</p> <p>Changing the subject</p> <p>VIEW</p>		<p>Algebra</p> <p>Functions</p> <p>VIEW</p>	
Spring term	<p>Reasoning</p> <p>Multiplicative reasoning</p> <p>VIEW</p>		<p>Reasoning</p> <p>Geometric reasoning</p> <p>VIEW</p>		<p>Reasoning</p> <p>Algebraic reasoning</p> <p>VIEW</p>		<p>Revision & communication</p> <p>Transforming & Constructing</p> <p>VIEW</p>		<p>Revision & communication</p> <p>Listing & describing</p> <p>VIEW</p>		<p>Revision & communication</p> <p>Show that...</p> <p>VIEW</p>	
Summer term	<p>Revision and examinations</p>											

Edexcel GCSE (9-1) Maths: need-to-know formulae

www.edexcel.com/gcsemathsformulae

Areas

Rectangle = $l \times w$



Parallelogram = $b \times h$



Triangle = $\frac{1}{2} b \times h$



Trapezium = $\frac{1}{2} (a + b)h$



Circles

Circumference = $\pi \times \text{diameter}$, $C = \pi d$

Circumference = $2 \times \pi \times \text{radius}$, $C = 2\pi r$

Area of a circle = $\pi \times \text{radius squared}$, $A = \pi r^2$



Pythagoras

Pythagoras' Theorem

For a right-angled triangle,
 $a^2 + b^2 = c^2$



Trigonometric ratios (new to F)

$\sin x^\circ = \frac{\text{opp}}{\text{hyp}}$, $\cos x^\circ = \frac{\text{adj}}{\text{hyp}}$, $\tan x^\circ = \frac{\text{opp}}{\text{adj}}$



Quadratic equations

The Quadratic Equation

The solutions of $ax^2 + bx + c = 0$,
where $a \neq 0$, are given by $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

Volumes

cuboid = $l \times w \times h$



Prism = area of cross section
 \times length



Cylinder = $\pi r^2 h$



Volume of pyramid =
 $\frac{1}{3} \times \text{area of base} \times h$



Compound measures

Speed

speed = $\frac{\text{distance}}{\text{time}}$



Density

density = $\frac{\text{mass}}{\text{volume}}$



Pressure

pressure = $\frac{\text{force}}{\text{area}}$



Trigonometric formulae

Sine Rule $\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$

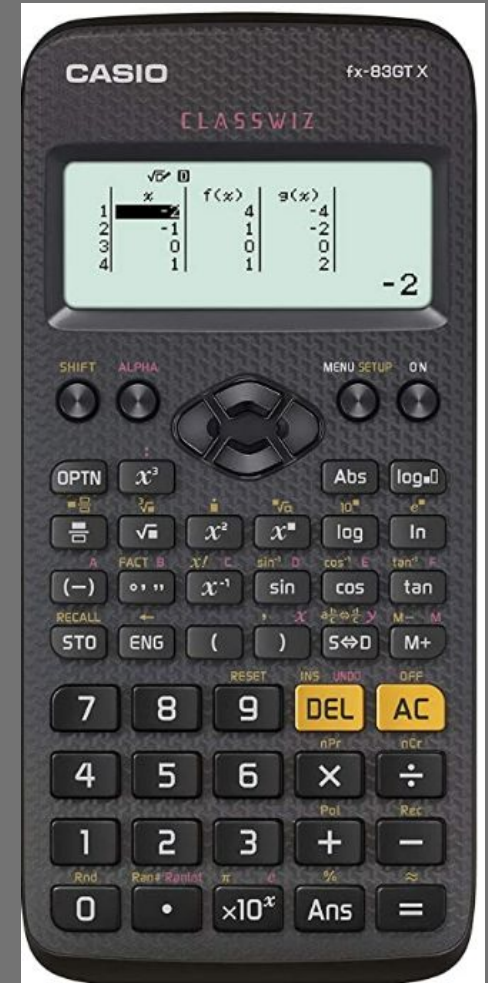
Cosine Rule $a^2 = b^2 + c^2 - 2bc \cos A$

Area of triangle = $\frac{1}{2} ab \sin C$



Equipment

- Black Pens
- Pencils
- 30cm Ruler
- Eraser
- Protractor
- Compass
- Scientific Calculator



How to be successful

- Focus, concentration and a high motivation to succeed in lessons.
- Homeworks completed to a high standard
- Keep your book immaculate - complete feedback from teachers marking.
- Solid revision for your mocks – increases confidence
- Mock at the end of Y10 and two in Y11
- Regularly revisiting work to retain key concepts
- Complete past papers to a high standard
- Know your strengths and weaknesses
- Actively seek out gaps – mathsgenie, corbettmaths, BBC Bitesize, onmaths, mathswatch
- Attend after school revision sessions in year 11



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Mr Haydn Kershaw
Head of Science



GCSE Science - What will I cover?

	Biology	Chemistry	Physics
10	<ul style="list-style-type: none"> • Cell biology • Organisation • Infection and response • Bioenergetics 	<ul style="list-style-type: none"> • Atomic structure and the periodic table • Bonding, structure, and the properties of matter • Quantitative chemistry • Chemical changes • Energy changes 	<ul style="list-style-type: none"> • Energy • Electricity • Particle model of matter • Atomic structure
11	<ul style="list-style-type: none"> • Homeostasis and response • Inheritance, variation and evolution • Ecology 	<ul style="list-style-type: none"> • The rate and extent of chemical change • Organic chemistry • Chemical analysis • Chemistry of the atmosphere • Using resources 	<ul style="list-style-type: none"> • Forces • Waves • Magnetism and electromagnetism • Space Physics (separates only)

Separate Science have extra content within most of these units to extend and apply the ideas further

How will I be assessed?

Six papers: Two exams for each subject

Tiers: Foundation and Higher.

Question types: multiple choice, structured, closed, short answer and open response.

Combined Science:

Duration: all the papers are **1 hour 15 minutes**.

Each is worth 16.7% of the grade and has 70 marks.

Separate Science:

Duration: all the papers are **1 hour 45 minutes**.

Each is worth 50% of the grade and has 100 marks.

How will I know if I am on track?

- End of term tests
- Assessed tasks/quizzes
- Teacher Feedback from class work

- Your teacher will give you feedback from many tasks you complete. This may be written feedback, or a conversation to help you understand a particular concept.
- You must make sure that you act upon the feedback you are given to enable you to improve.

Independent Study

Homework

- Homework tasks set every week, and is used to support and extend your learning.
- Combination of teacher marked and online study (Seneca)

Revision

- Revision is not just something to do at the end - it is an ongoing commitment.
- You will be given the opportunity to order a revision guide later in the year. These are much cheaper when bought through the school.



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Ms J Mallord
Head of Years 10 and 11



Ansford Academy Foundations

- Learning
- Tutoring
- Point System
- Restorative Justice
- After School Sessions
- School Council and Learn to Lead



Year 10 School Team

Head of Year
Ms Mallord

SENCO
Ms Perkins

**Work Experience
Advisor**
Mrs Watson

Deputy Head of Year
Mr Willson

Year 10 Tutors
10AH Miss Harries / Mr Willson
10KV Miss Voit
10KM Mrs Marshfield
10SRE Mrs Reddick



Study Habits

Get organised: space? stationery? IT?

At school:

Driving Your Own Learning

Weekly study skills session

Retrieval and revision skills

At home:

Homework, over learning, catch up, revision

Looking to the future

Routes after Ansford

Information about the various routes in assemblies and tutor sessions.

Careers Fair October 10th

Letters will be coming out this week.

The trip is open to all and there will be no charge.

Yeovil Taster Day July 3rd



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Mrs Wendy Watson
Careers Advisor



Work Experience

Monday 8th July 2024 – Friday 12th July 2024



The Benefits

- Experience and understanding of the working world
- Transferable skills
- Self confidence
- Motivation and focus
- Supports career exploration and decision-making for the future
- Creates networks & opportunities!



The Programme

- It is expected that all students in year 10 take part in the work experience programme as there is great value in participating.
- Students take responsibility for finding their own work placements – supported through tutors, focussed PSHE lessons and individually through appointments with Wendy Watson, Independent Careers Adviser
- Guidance letters will be sent home with students to all families before October half term and posted on the website/intranet

Health and Safety and Duty of Care:

- Once placements are secured students will need to get all necessary paperwork completed
- **It is really important that students adhere to submission deadlines and updates from staff otherwise there is no guarantee that placements can be authorised by the Academy**
- Any questions to: wendy.watson@ansford.net



Work Experience week is:
Monday 8th July 2024 – Friday 12th July 2024

