

Welcome to...

Exams Family Learning 2024

Aims:

- Share exams timetables
- Share revision strategies and advice
- Share exam rules and regulations
- Explain results day plans
- Share plans for your leavers' prom



BELIEF
PREPARATION
HARD WORK
SUPPORT

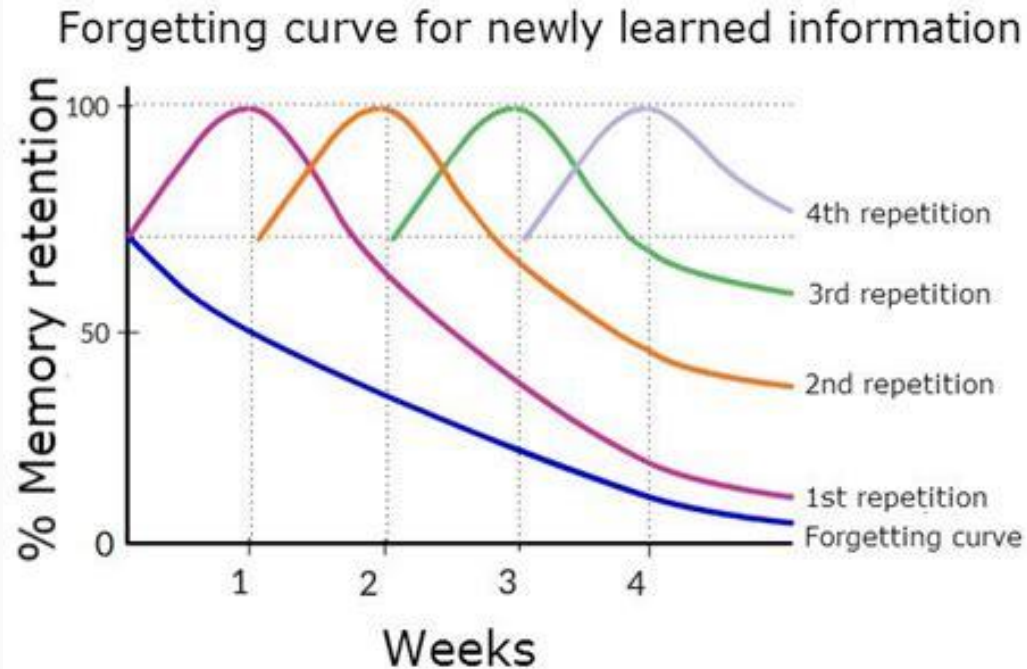
Feedback from previous years

- Once exams start it is very busy. There is only time for final practice, not revision of whole subjects. Start early!
- Make the most of every moment with your teachers - every second counts.
- Students often say they wished they had done more earlier.
- Make a plan and stick to it. Share it and talk about it.

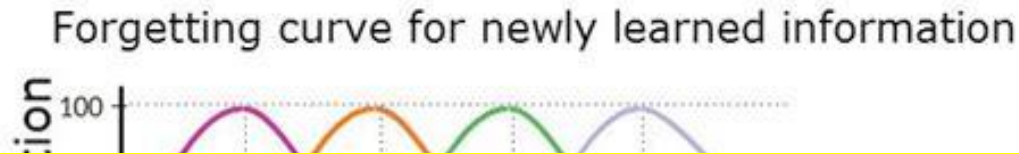
Exams timetables

- All students have now been provided with individual exam timetables. However, these only show GCSE exams, not vocational exams.
- The full exam timetable is also in your envelopes, and this contains all exams including GCSE and vocational.
- Please check these exams timetables carefully and ask your tutors if you have any questions.
- If you have a clash, you will sit each exam separately. Each clash will be dealt with on a case-by-case basis.
- Use your exams timetable to plan your revision timetable.

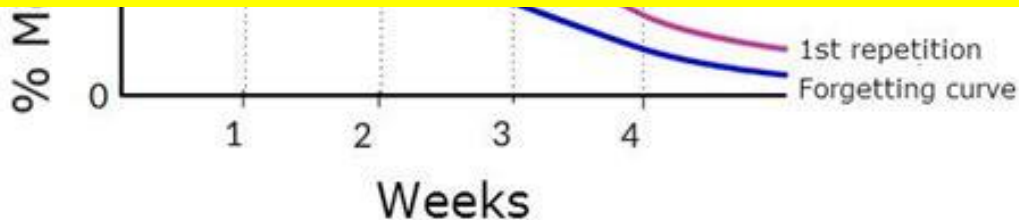
How to overcome the forgetting curve



How to overcome the forgetting curve



LITTLE AND OFTEN



Revision Strategies



1. Create a day-to-day revision timetable.
 - Calendar all lessons
 - Calendar all exams
 - Calendar all extras e.g. family events/medical appointments etc
 - Calendar all school revision sessions
 - During the exam season, you might have a different timetable each week.
 - THEN add in YOUR PERSONAL REVISION. Try to include timings (keep it short and focussed) and topics (this will be directed by what teachers go over in lessons and in revision sessions, so expect to edit this).

Revision Strategies



2. Memory cards/flash cards/revision cards

What are they?

- 2-sided: one side is written as a question; the other is the answer.

How do they work best?

- If you get the answer right, you put it on your right; it goes to your left if your answer was incorrect. Revisit your left hand pile each day until the card moves to the right. Revisit your right pile at least weekly.
- Ask your family members to work with you, to test you periodically.

Revision Strategies



3. Mind-mapping

How do they work best?

- Have a topic/exam question in the middle.
- In one colour, with revision materials aside, write down everything you can recall.
- Then, take a new colour. Use your revision materials/notes and now add more detail to your mind map.
- Lastly, number each 'arm' of your mindmap so that it is in a logical order.
- REHEARSE THIS UNTIL YOU HAVE COMMITTED YOUR MIND MAP TO MEMORY

Walking Talking Mocks and PiXL Wave

- Walking Talking Mocks are 'staged' like an exam.
- The expert leads from the front, narrating their thinking in real time.
- The expert's work is shown live on the screen.
- This style of learning is highly effective.
- PiXL Wave exams are an opportunity to compare trial exam results to national standards. As a PiXL school, we upload our results to be compared to all other PiXL schools taking part. This enables us to then work on the most effective areas for improvement in the final weeks before exams start.

Walking Talking Mocks and PiXL Wave



Walking Talking Mocks and PiXL Wave Exams

Timetable 2024

All exams are in the library, unless otherwise stated



(WEEK 1)	P1	P2	Break	P3	P4	Lunch	P5	
Tuesday 5th	Maths PiXL Wave Exam 'A' population in the library ('B' population in lessons)			Maths PiXL Wave Exam 'B' population in the library ('A' population in lessons)				
Wednesday 6th	English PiXL Wave Exam 11A/E2 in H3, 11A/E3 in C24, 11A/E4 in H2 11A/Es1 11B/B1, 11B/Sc1, 11B/Sc2 in library						Spanish higher tier 11Q/Sp1 & 11R/Sp1	
Thursday 7th								
Friday 8th	Maths 11A/M1 & 11A/M2 Higher	Physics triple 11P/S31					Physics triple 11S/S31	

(WEEK 2)	P1	P2	Break	P3	P4	Lunch	P5
Monday 11th	Biology 11A/B1	Geography 11P/G1		Geography 11R/G1	Science 11B/Sc1		Science 11A/Sc1
Tuesday 12th	Spanish foundation 11Q/Sp1 & 11R/Sp1	Geography 11Q/G1		Maths foundation tier 11A/M3 and 11A/M4	Maths higher tier 11B/M1		History 11S/H1
Wednesday 13th	French higher tier 11Q/F1	Science 11A/Sc2 & 11A/Sc3		Biology Triple 11B/B1	Science 11B/Sc2		Chemistry triple 11A/C1
Thursday 14th		English 11BE1 and 11BE2		Maths foundation tier 11B/M2 and 11B/M3	Chemistry triple 11B/C1		Geography 11S/G1
Friday 15th	English 11AE1, 11AE3, 11BE3			English 11AE2 and 11AE4			History 11P/H1

PiXL
partners in excellence

Check class codes, and ask your teacher if unsure.

Classes will register in the library for WTM's, so go straight there:
Every Second Counts!

Maths GCSE

Mr Kirby

Key Dates

Paper 1 Thursday 16th May

Paper 2 Monday 3rd June

Paper 3 Monday 10th June

3 exam papers
90 minutes long
80 marks

Paper 1 Non-calculator

Paper 2 Calculator

Paper 3 Calculator

Equipment

Pens (black)

Pencils

Rubber

Sharpener

Ruler

Compass

Protractor

Calculator

All in a clear pencil case.

Maths GCSE exam preparation: using trial exam QLA feedback with Sparx.



The QLA tells the students their strengths (green) and areas for improvement (amber and red). There is a Sparx code for each.

Mathematics Assessment Feedback

Paper Name AQA June 2022 Paper 1F

Teacher

sparx

Questions	Topic	Score	Sparx Code
1a	Multiplying and dividing with place value	1 / 1	U735
1b	Adding and subtracting with negative numbers	1 / 1	U742
1c	Multiplying and dividing with negative numbers	0 / 1	U548
2	Using algebraic notation	0 / 1	U613
3	Estimating calculations	3 / 3	U225
4	Mixed problems: Finding the area and perimeter of simple shapes	3 / 3	U993
5	Sample space diagrams	2 / 2	U104
6a	Understanding and ordering integers	2 / 2	U600
6b	Using the correct order of operations	2 / 2	U976
7	Solving direct proportion word problems	4 / 4	U721
8a	Choosing suitable averages and solving problems	0 / 2	U717
8b	Choosing suitable averages and solving problems	1 / 1	U717
9	Finding percentages of amounts, Numbers as percentages of other numbers	2 / 4	U554, U925
10a	Converting units of length, mass and capacity, Simplifying fractions	0 / 2	U388, U646
10b	Angles in triangles, Solving simultaneous equations using substitution	1 / 3	U628, U757
11a	Adding and subtracting decimals	0 / 2	U478
11b	Using a written method to multiply decimals	0 / 3	U293
12	Adding and subtracting fractions	0 / 2	U736
13a	Term-to-term rules	3 / 3	U213
13b	Term-to-term rules	3 / 3	U213
14	Translation	1 / 2	U196
15	Probabilities of mutually exclusive events	0 / 4	U683
16	Plotting straight line graphs, Solving simultaneous equations graphically	0 / 3	U741, U836
17	Identifying parts of circles	1 / 1	U767
18	Standard form with positive indices, Multiply & divide numbers in standard form	0 / 2	U330, U264
19a	Index rules with positive indices	0 / 2	U235
19b	Index rules with positive indices	0 / 2	U235
20	Venn diagrams	1 / 2	U476
21	Graphs of cubic functions	0 / 1	U980
22	Finding equations of linear real-life graphs, Writing and simplifying ratios	0 / 3	U862, U687
23a	Multiplying fractions	0 / 1	U475
23b	Using a written method to multiply decimals	0 / 1	U293
24	Constructing loci	0 / 3	U820
25	Finding the area of circles, Finding fractions of amounts	0 / 4	U950, U881
26	Solving equations with two or more steps	0 / 2	U325
27	Calculating with density	1 / 1	U910
28	Calculating with ratios and algebra	1 / 1	U676
Total		33 / 80	

Mathematics Assessment Feedback

Paper Name AQA June 2022 Paper 2F

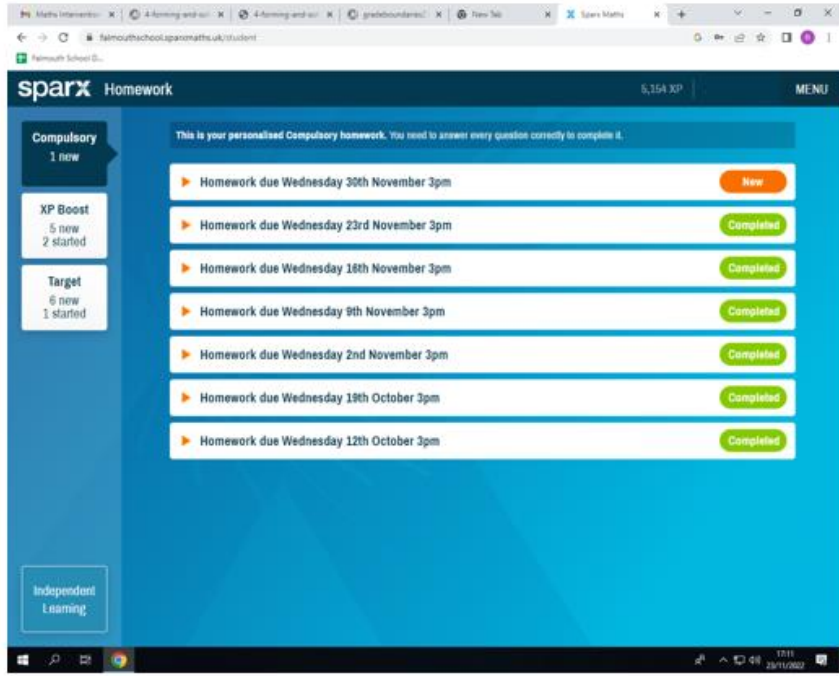
Teacher

sparx

Questions	Topic	Score	Sparx Code
1	Using number lines	1 / 1	U922
2	Algebraic notation	1 / 1	U613
3	Reading, converting and calculating with time	1 / 1	U902
4	Identifying parts of circles	1 / 1	U767
5a	Converting between mixed numbers and improper fractions	1 / 1	U632
5b	Converting between fractions, decimals and percentages	0 / 1	U888
5c	Rounding decimals	1 / 1	U236
6	Solving direct proportion word problems	3 / 3	U721
7	Line and shape properties	2 / 3	U121
8	Calculating the range, Converting units of length, mass and capacity	2 / 2	U526, U388
9a	Reading, converting and calculating with time	3 / 3	U902
9b	Using the correct order of operations	1 / 1	U976
10a	Reading and plotting coordinates	0 / 1	U789
10b	Calculating midpoints	0 / 1	U333
10c	Solving shape problems involving coordinates	0 / 1	U889
10d	Plotting horizontal and vertical lines	0 / 1	M797
11a	Finding fractions of amounts with a calculator	0 / 3	U916
11b	Finding fractions of amounts with a calculator	0 / 1	U916
12a	Finding factors and using divisibility tests	1 / 1	U211
12b	Finding factors and using divisibility tests	1 / 1	U211
12c	Finding factors and using divisibility tests	0 / 1	U211
13	Solving direct proportion word problems	4 / 4	U721
14	Using algebraic notation	3 / 3	U613
15	Drawing and interpreting scale diagrams	0 / 3	U257
16	Drawing pie charts	0 / 3	U508
17a	Reading and drawing inequalities on number lines	0 / 1	U509
17b	Expanding single brackets	0 / 2	U179
17c	Factorising into one bracket	0 / 1	U365
18a	Converting between ratios, fractions and percentages	0 / 2	U176
18b	Converting between ratios, fractions and percentages	0 / 3	U176
19a	Plotting straight line graphs	1 / 1	U741
19b	Interpreting equations of straight line graphs	0 / 1	U663
19c	Interpreting equations of straight line graphs	1 / 1	U663
20a	Tree diagrams for independent events	0 / 2	U558
20b	Tree diagrams for independent events	1 / 1	U558
21	Prime factor decomposition	0 / 2	U739
22	Calculating the mean	0 / 3	U291
23	Solving direct proportion word problems	0 / 3	U721
24	Converting between fractions, decimals and percentages	0 / 1	U888
25a	Experimental probabilities	0 / 1	U580
25b	Experimental probabilities, Expected results from repeated experiments	0 / 2	U580, U166
26	Percentage change with a calculator	0 / 2	U671
27	Using Pythagoras' theorem, Area of compound shapes containing triangles	0 / 5	U385, U575
28	Solving equations with the variable on both sides	0 / 3	U870
Total		48 / 80	

Maths GCSE exam preparation: using trial exam QLA feedback with Sparx.

On the student Sparx login landing page on the bottom left hand side there is an Independent Learning box.

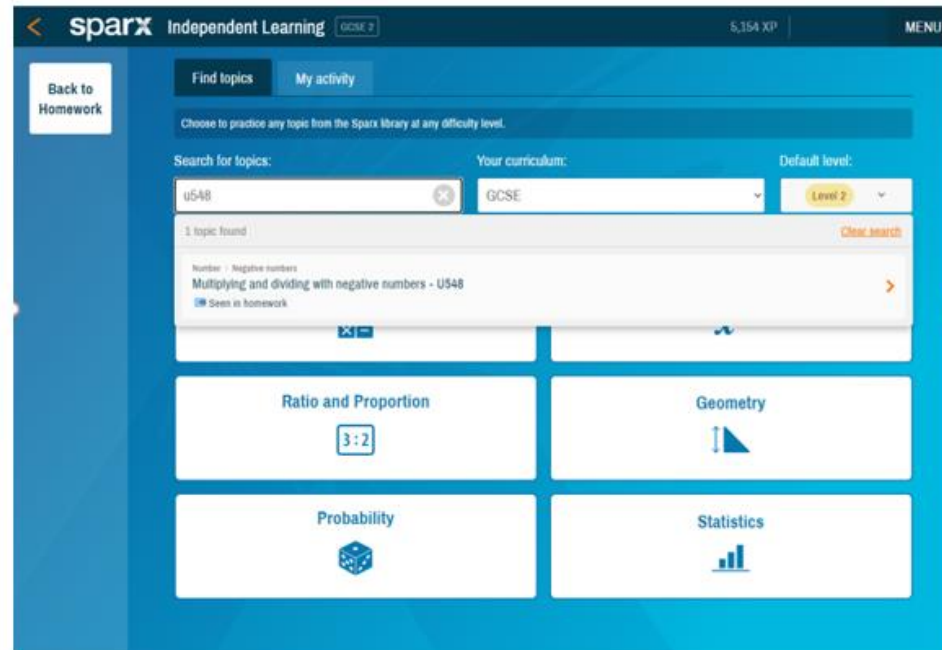


Click on the Independent Learning box.



Maths GCSE exam preparation: using trial exam QLA feedback with Sparx.

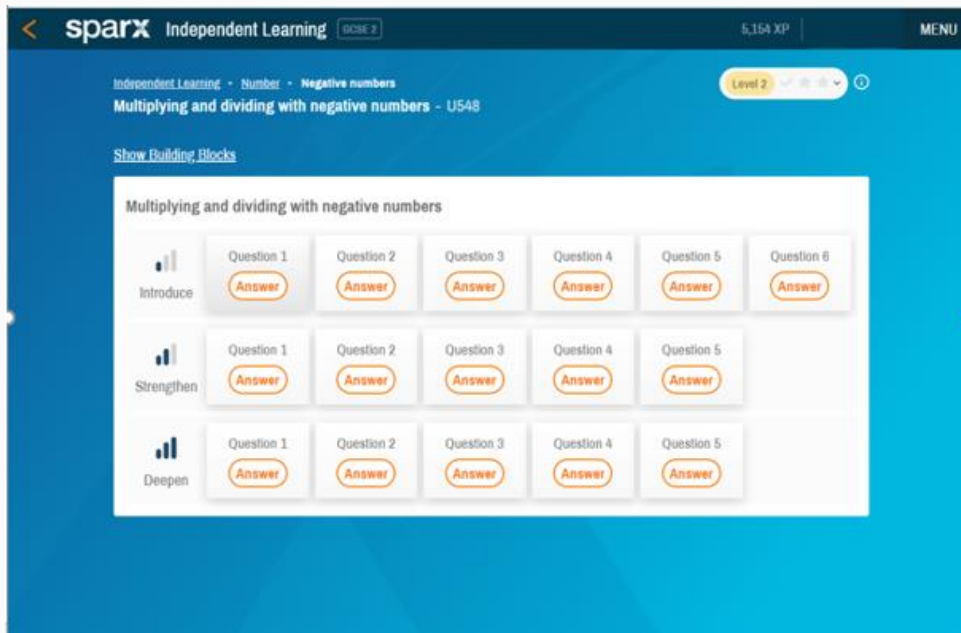
The first box on the top left is for searching topics, inserting the code here will take you to an improvement task. In this example the code U548 has been entered.



The screenshot shows the Sparx Independent Learning interface. At the top, the header includes the Sparx logo, 'Independent Learning', a 'GCSE 2' dropdown, '5,354 XP', and a 'MENU' button. On the left, there is a 'Back to Homework' button. The main area has two tabs: 'Find topics' (selected) and 'My activity'. Below the tabs, a message states: 'Choose to practice any topic from the Sparx library at any difficulty level.' There are three input fields: 'Search for topics:' with 'U548' entered, 'Your curriculum:' with 'GCSE' selected, and 'Default level:' with 'Level 2' selected. A 'Clear search' button is to the right of the level dropdown. Below these fields, it says '3 topic found'. The first result is 'Number : Negative numbers' with the subtopic 'Multiplying and dividing with negative numbers - U548' and a 'Seen in homework' icon. Below the search results, there are four topic cards: 'Ratio and Proportion' with a '3:2' icon, 'Geometry' with a triangle icon, 'Probability' with a die icon, and 'Statistics' with a bar chart icon.

Maths GCSE exam preparation: using trial exam QLA feedback with Sparx.

After entering the code U548, some improvement questions have been provided.



The screenshot shows the Sparx Independent Learning interface. At the top, it says 'sparx Independent Learning' with a 'SCORE 2' button. On the right, it shows '5,154 XP' and a 'MENU' button. Below this, the topic is 'Independent Learning > Number > Negative numbers'. A 'Level 2' dropdown menu is visible. The main heading is 'Multiplying and dividing with negative numbers - U548'. A link 'Show Building Blocks' is present. The main content area is titled 'Multiplying and dividing with negative numbers' and contains a grid of question cards. The grid is organized into three rows: 'Introduce', 'Strengthen', and 'Deepen'. Each row contains question cards with 'Question 1' through 'Question 6' (or 'Question 5' for Strengthen and Deepen) and an 'Answer' button.

Introduce	Question 1	Question 2	Question 3	Question 4	Question 5	Question 6
	Answer	Answer	Answer	Answer	Answer	Answer
Strengthen	Question 1	Question 2	Question 3	Question 4	Question 5	
	Answer	Answer	Answer	Answer	Answer	
Deepen	Question 1	Question 2	Question 3	Question 4	Question 5	
	Answer	Answer	Answer	Answer	Answer	

Provision of AQA past maths exam papers.

**4 papers (soon to be 5) have been completed under exam conditions.
You have the QLA's for these.
We CAN provide copies if required.**

**A total of 12 exam papers are prepared and ready for you to complete at home.
One a week, teachers will mark and provide feedback each week for you.
2 have already been completed.**

These papers have been carefully selected to have the most impact.

**DO complete these weekly, exam practice is crucial at this time.
Read around the topics that you do not understand and try to answer the questions.
SEEK HELP if required.**

Targeted support is available. If invited, make sure you attend.

If you would like more support, please come and see myself.

**SPARX club every Tuesday and Thursday in C38 between 3 and 4.
You don't have to complete Sparx there, the maths team want to support
you!**

**The library is open every morning between 8.15 and 8.30
A maths teacher is present every Wednesday and Friday and
also Monday on a week 1.
An English teacher the other days.**

Maths GCSE exam preparation: Key Foundation information to learn on A3.

GCSE Mathematics Foundation Tier

Number **Algebra** **Ratio, proportion and rates of change** **Geometry & measures** **Probability** **Statistics**

INDEXES

...or BODMAS. Use the correct order of operations: take care when using brackets.

Indices (or powers)

Division and Multiplication

Addition and Subtraction

Types of number

Integer: a "whole" number

Factors: the divisors of an integer

Factors of 12 are 1, 2, 3, 4, 6, 12

Prime number: an integer which has exactly two factors (1 and the number itself). Note: 1 is not a prime number.

HCF, LCM

Highest Common Factor (HCF)

Factors of 6 are 1, 2, 3, 6

Factors of 9 are 1, 3, 9

HCF of 6 and 9 is 3

Lowest Common Multiple (LCM)

Factors of 6 are 1, 2, 3, 6

Factors of 9 are 1, 3, 9

LCM of 6 and 9 is 18

Prime factors

Write a number as a product of its prime factors: use indices for repeated factors.

$720 = 5 \times 3^2 \times 2^4$

Powers and roots

Special indices: for any value a :

$a^0 = 1$

$a^{-1} = \frac{1}{a}$

$3^{-2} = \frac{1}{3^2} = \frac{1}{9}$

Calculating with fractions

Adding or subtracting fractions: use common denominator...

$\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$

Multiplying fractions: multiply numerators and denominators...

$\frac{1}{2} \times \frac{1}{3} = \frac{1 \times 1}{2 \times 3} = \frac{1}{6}$

Dividing fractions: "flip" the second fraction, then multiply...

$\frac{1}{2} \div \frac{1}{3} = \frac{1}{2} \times \frac{3}{1} = \frac{3}{2}$

Fractions, decimals

Fraction = numerator \div denominator

$\frac{1}{2} = 0.5$

$\frac{3}{4} = 0.75$

Use place value to change decimal to fractions. Simplify where possible.

$0.45 = \frac{45}{100} = \frac{9}{20}$

Learn the most frequently used ones

$\frac{1}{2}, \frac{1}{3}, \frac{2}{3}, \frac{1}{4}, \frac{3}{4}, \frac{1}{5}, \frac{2}{5}, \frac{3}{5}, \frac{4}{5}$

Percentages

Percentage increase or decrease: use a multiplier (powers for repetition)

Initially there were 20 000 fish in a lake. The number decreases by 15% each year. Estimate the number of fish after 5 years.

$20\,000 \times 0.85^5 = 7500$ (2sf)

Formula for compound interest

Total accrued = $P(1 + \frac{r}{100})^n$

I invest £600 at 3% compound interest. What is my account worth after 5 years?

$£600 \times (1 + \frac{3}{100})^5 = £695.54$

Direct & inverse proportion

y is directly proportional to x : $y = kx$ for a constant k

x is directly proportional to a^2 : $a = 6$ when $b = 9$. Find b if $a = 8$

$b = ka^2$ $a = 6$ and $b = 9$ so $k = \frac{9}{36} = \frac{1}{4}$

$b = 2.5 \times 8^2 = 160$

y is inversely proportional to x : $yx = k$ or $y = \frac{k}{x}$ for a constant k

Probability rules

Multiply for independent events

P(6 on dice and H on coin)

$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$

Add for mutually exclusive events

P(5 or 6 on dice)

$\frac{1}{6} + \frac{1}{6} = \frac{2}{6} = \frac{1}{3}$

Apply these rules to tree diagrams.

In general...

$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$

$P(A \text{ and } B) = P(A \text{ given } B) \times P(B)$

Statistics

Frequency = frequency density \times class width. This means that bars with the same frequency have the same area.

Box plots

Interquartile range (IQR) = $UQ - LQ$

Minimum, lower quartile (LQ), median, upper quartile (UQ), maximum

GCSE Mathematics Higher Tier

Number **Algebra** **Ratio, proportion and rates of change** **Geometry & measures** **Probability** **Statistics**

Listing strategies

Product rule for counting:

$4 \times 3 \times 2 \times 1 = 24$ ways to arrange the letters P, L, S, and I.

Powers and roots

Special indices: for any value a :

$a^0 = 1$

$a^{-1} = \frac{1}{a}$

$3^{-2} = \frac{1}{3^2} = \frac{1}{9}$

Indices

$a^m \times a^n = a^{m+n}$

$a^m \div a^n = a^{m-n}$

$(a^m)^n = a^{mn}$

$a^0 = 1$

$a^{-1} = \frac{1}{a}$

$3^{-2} = \frac{1}{3^2} = \frac{1}{9}$

Difference of two squares

$a^2 - b^2 = (a+b)(a-b)$

$9^2 - 25 = (9+5)(9-5)$

$64 - 25 = (8+5)(8-5)$

Rearrange a formula

The subject of a formula is the term on its own. Rearrange to:

Make x the subject of:

$2x + 5y = 7 - 3x$

$2x + 3x = 7 - 5y$

$5x = 7 - 5y$

$x = \frac{7 - 5y}{5}$

Functions

Combining functions:

$f(x) = 2x + 1$

$g(x) = x^2 + 3$

$fg(x) = 2(x^2 + 3) + 1$

$fg(x) = 2x^2 + 6 + 1$

$fg(x) = 2x^2 + 7$

The inverse of f is f^{-1}

If $f(x) = 2x + 5$ then $f^{-1}(x) = \frac{x-5}{2}$

$y = mx + c$

Equation of straight line $y = mx + c$

m is the gradient; c is the y intercept

Find the equation of the line that joins $(0, 3)$ to $(2, 1)$

Find its gradient:

$\frac{1-3}{2-0} = -1$

$y = -x + 3$

Simultaneous equations

One linear, one quadratic

Solve $x^2 + 3y = 10$

$x^2 + 3(2 - x) = 10$

$x^2 + 6 - 3x = 10$

$x^2 - 3x - 4 = 0$

$(x-4)(x+1) = 0$

$x = 4$ or $x = -1$

Substitute into the linear and solve, pairing values:

$y = 2 - x$ and $y = 2 - x$

$y = 2 - 4 = -2$ or $y = 2 - (-1) = 3$

$(4, -2)$ or $(-1, 3)$

Circle theorems

Angle in a semicircle is 90°

Angle at the centre is double the angle at the circumference

Angles in the same segment are equal

Opposite angles in a cyclic quadrilateral total 180°

Alternate segment theorem

Tangent and radius are perpendicular

Areas and volumes

Circumference of circle = $\pi \times D$

Area of circle = $\pi \times r^2$

Area of triangle = $\frac{1}{2} \times \text{base} \times \text{height}$

Area of trapezium = $\frac{1}{2} \times (a+b) \times h$

Volume of prism = area of cross section \times length

Volume of frustum is difference between the volumes of two cones

Transformations

Reflection

Rotation

Enlargement

Similar shapes

These A3 print outs for Foundation and Higher are available.

If you didn't receive one before or would like a new copy come and grab one.

We have spare revision guides and revision cards. Come see myself in C18, I rarely travel far from there.

Key Dates

Paper 1 Thursday 16th May

Paper 2 Monday 3rd June

Paper 3 Monday 10th June



**The space in between
exams**

Key Dates

A Level Maths

Pure 1 4th June

Pure 2 11th June

Stats and Mechanics 20th June

Key Dates

Further Maths

Core Pure 1 22nd May

Core Pure 2 3rd June

Further Mechanics 7th June

Further Statistics 14th June

Further Statistics and Mechanics 2 24th June

Maths GCSE

Mr Kirby

English Language and English Literature

AQA GCSE



Key dates:

13th May English Literature Paper 1

20th May English Literature Paper 2

23rd May English Language Paper 1

6th June English Language Paper 2

English Literature

Paper 1 (1 hour 45 minutes):

1. Romeo and Juliet
2. A Christmas Carol

Paper 2 (2 hours 15 minutes):

1. An Inspector Calls
2. Poetry Anthology
3. Unseen Poetry

English Literature

Useful links:

Romeo and Juliet:

https://www.youtube.com/results?search_query=mr+bruff+romeo+and+juliet

Jekyll and Hyde:

https://www.youtube.com/results?search_query=mr+bruff+jekyll+and+hyde

A Christmas Carol:

https://www.youtube.com/results?search_query=mr+bruff+A+Christmas+Carol

English Literature

Useful links:

An Inspector Calls:

https://www.youtube.com/results?search_query=mr+bruff+An+Inspector+Calls

Poetry Anthology:

https://www.youtube.com/results?search_query=mr+bruff+Power+and+conflict+poetry

Unseen Poetry:

https://www.youtube.com/results?search_query=mr+bruff+unseen+poetry

English Language

Paper 1: (1 hour 45 minutes) Explorations in creative reading and writing
One fictional source. Four reading questions and one creative writing task.

Paper 2: (1 hour 45 minutes) Writers' viewpoints and perspectives
Two non-fiction sources. Four reading questions and one non-fiction writing task.

English Language

Paper 1: Useful links

https://www.youtube.com/results?search_query=mr+bruff+english+language+paper+1+aqa

Paper 2: Useful links

https://www.youtube.com/results?search_query=mr+bruff+english+language+paper+2+aqa

Past papers

English Language Paper 1:

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2019/november/AQA-87001-QP-NOV19.PDF>

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2019/november/AQA-87001-INS-NOV19.PDF>

English Language Paper 2:

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2019/june/AQA-87002-QP-JUN19.PDF>

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2019/june/AQA-87002-INS-JUN19.PDF>

Past papers

English Literature Paper 1:

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2019/june/AQA-87021-QP-JUN19.PDF>

English Literature Paper 2:

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2019/june/AQA-87022-QP-JUN19.PDF>

Revision sessions

If you are interested in receiving targeted support, please email:
ehockley@falmouthschool.net

English GCSE

Mrs Hockley

Science GCSE

Mr Bunney

Key Dates

Biology Paper 1 Fri 10th May

Chemistry Paper 1 Fri 17th May

Physics Paper 1 Wed 22nd May

Biology Paper 2 Fri 7th Jun

Chemistry Paper 2 Tue 11th Jun

Physics Paper 2 Fri 14th Jun

Combined Science: Trilogy
6 papers

75 minutes long
70 marks

Triple Science
6 papers

105 minutes long
100 marks

Equipment

Pens (black)
Pencils
Rubber
Sharpener
Ruler

Protractor
Calculator **FOR ALL PAPERS**

All in a clear pencil case.

Combined Science: Trilogy - is 2 GCSEs

Triple Science - is 3 GCSEs






Science is content heavy so needs to start NOW

Tassomai

Biology [AQA] ▼

☐ Topic Labels



Where everyone succeeds

Biology / Ecology / Waste Management & Land Use

Last Seen: 28/02/24

Last 3 Attempts:



Which of these best describes the term
EUTROPHICATION?

Overgrowth of algae and water plants,
resulting in a reduction of dissolved oxygen

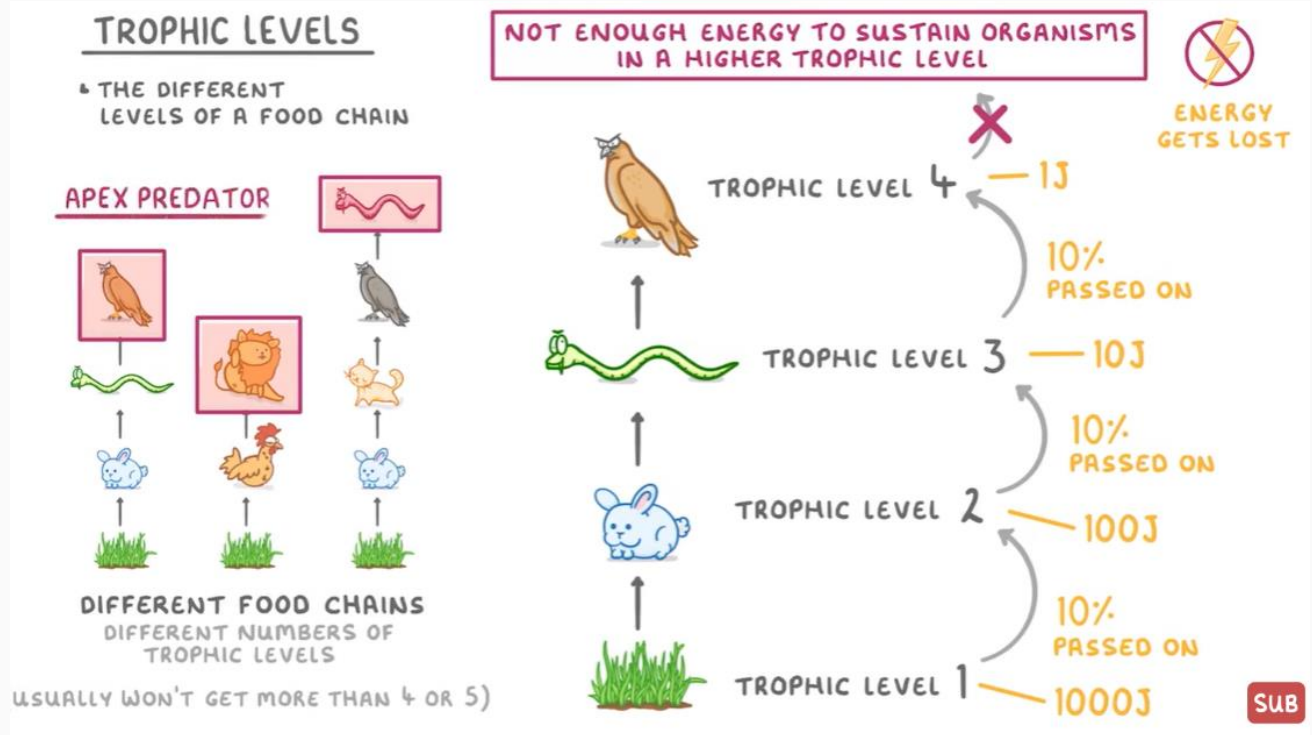
No waste product is lost from the system -
it is all recycled

An ecosystem where there is, for example,
an additional input introduced

Toxins build up in a food chain, affecting
the animals at the top of the food chain
most severely

Cognito

Tassomai



(Image from 4 minute video)

Support
Science have created a 10
week plan that covers all of
the content
This will be uploaded weekly

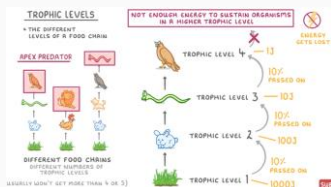
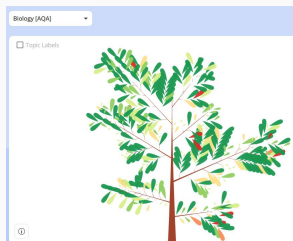
Week

Revision
Guide pages

To be completed between Monday 4th March - Sunday 10th March

Tier	Topics	Links to short videos	Revision page number Trilogy Higher	Revision page number Foundation	Completed
H/F	Cells	GCSE Biology - Cell Type...	11	11	
H/F	Microscopy	GCSE Biology - What Is T... GCSE Biology - What is ...	12	12	
H/F	Cell Differentiation	GCSE Biology - Differenti...	14	14	
H/F	Mitosis	GCSE Biology - Cell cycle...	15	15	
H/F	Stem cells	GCSE Biology - What are ...	16	16	
H/F	Exchange	What is Diffusion? How D... GCSE Biology - Osmosis #8 GCSE Bio Tr... - Active Tr...	17-19	17-19	
H/F	Exchange surfaces	GCSE Biology - Specialis...	20-21	20-21	

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Support
Science have created a 10
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Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00	School	School	School	School	School		
9:00	School	School	School	School	School		
10:00	School	School	School	School	School		
11:00	School	School	School	School	School		
12:00	School	School	School	School	School		
1:00	School	School	School	School	School		
2:00	School	School	School	School	School		
3:00							
4:00							
5:00							
6:00							
7:00							
8:00							

[illegible]

Triple Science - is 3 GCSEs

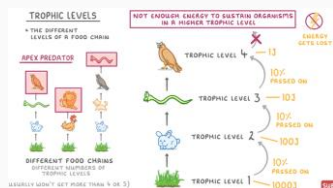
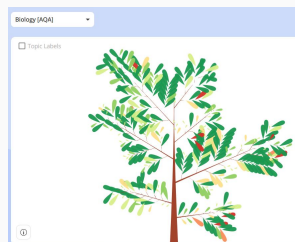
Revision Calendar

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00	School	School	School	School	School		
9:00	School	School	School	School	School		
10:00	School	School	School	School	School		
11:00	School	School	School	School	School		
12:00	School	School	School	School	School		
1:00	School	School	School	School	School		
2:00	School	School	School	School	School		
3:00							
4:00							
5:00							
6:00							
7:00							
8:00							

Science Plan

Tassomai

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Biology - Paper 1 Cells Topic					
To be completed between Monday 4th March - Sunday 10th March					
Task	Topics	Links to short videos	Revision page number Topic higher	Revision page number Foundation	Complete
HF	Cells	☑ OSE Biology - Cell Type	11	11	
HF	Microscopy	☑ OSE Biology - What is T. ☑ OSE Biology - What is	12	12	
HF	Cell Differentiation	☑ OSE Biology - Different	14	14	
HF	Mitosis	☑ OSE Biology - Cell cycle	15	15	
HF	Stem cells	☑ OSE Biology - What are	16	16	
HF	Exchange	☑ What is Diffusion? How D. ☑ OSE Biology - Osmosis &S ☑ OSE Biology - Active Tr	17-19	17-19	
HF	Exchange surfaces	☑ OSE Biology - Specialis	20-21	20-21	

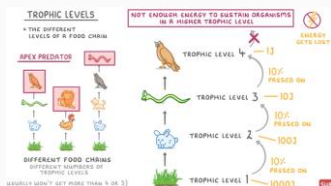
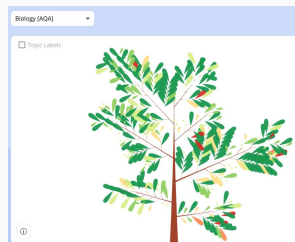
Triple Science - is 3 GCSEs

Science is content heavy so needs to start NOW

Also:

BBC Bitesize
Free Science videos
AQA for past papers
Malmesbury Science

Cognito



Science Plan

Biology - Paper 1 Cells Topic					
To be completed between Monday 4th March - Sunday 10th March					
Topic	Links to short videos	Revision page number	Page number	Foundation	Completed
H ₁ F Cells	GCSE Biology - Cell Type	11	11		
H ₁ F Microscopy	GCSE Biology - What is T GCSE Biology - What is	12	12		
H ₁ F Cell Differentiation	GCSE Biology - Different	14	14		
H ₁ F Mitosis	GCSE Biology - Cell cycle	15	15		
H ₁ F Stem cells	GCSE Biology - What are	16	16		
H ₁ F Exchange	What is Diffusion? How D GCSE Biology - Osmosis & GCSE Biology - Active Tr	17-19	17-19		
H ₁ F Exchange	GCSE Biology - Speciali	20-21	20-21		

Science GCSE

Mr Bunney

How can you prepare
like Felix Baumgartner?

Who is in your support
team?



BELIEF
PREPARATION
HARD WORK
SUPPORT



BELIEF
PREPARATION
HARD WORK
SUPPORT

Key Dates and Morning Warm-Ups

A typical exam day will consist of:

- A warm-up session hosted by the department of that day's exam. The times and rooms for these will be published at the start of the exam season.
- Breakfast bars and fruit available in the Green Room, provided by members of the welfare team.
- A line-up in the main hall at 8:35 for those students taking that exam.
- For afternoon exams, the line-up will take place at 1:05pm in the hall.
- After-school masterclasses will also run, most often for exams the following day.
- Throughout the exam season, good attendance is crucial to enable you to take advantage of these morning/afternoon sessions.
- The final exam contingency date is June 26th. You must be available until this date.

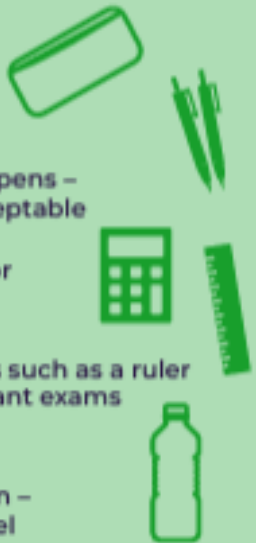
Exam Rules and Regulations

- All trial exams were undertaken in full exam conditions. This means that all Year 11 students are familiar with the process.
- In your envelopes, you have a booklet with guidance on taking exams. Please take the time to read this booklet soon, so you can become comfortable with all the information it contains.
- If you are ill on the day of an exam, **contact us at the first opportunity**. For genuine illness, special consideration may be available.
- It is important that all students remain in the exam until the end of the exam. This is to minimise disruption to other students and to maintain the integrity of the exam in accordance with JCQ rules.

What can you take into the exam?

What you will need:

- ☐ a clear pencil case
- ☐ at least two black ink pens – blue pens are not acceptable
- ☐ an approved calculator for relevant exams
- ☐ appropriate apparatus such as a ruler or protractor for relevant exams
- ☐ a clear water bottle if you wish to take one in – it must not have a label



What you cannot take into exams:

- ☐ any type of phone
- ☐ revision notes
- ☐ any type of watch (this includes analogue, digital and smart watches)



From JCQ document:
'On your exam day'

Wearing correct school uniform at all times.

Other important information:

- ☐ Listen carefully to the invigilator's instructions which will be specific to your exam. If you are unsure of anything, please raise your hand and wait for the invigilator.
- ☐ Fill in your details on the front of your answer booklet.
- ☐ If you need additional answer sheets, raise your hand and wait for an invigilator who will provide you with one. Remember to add your details to this booklet too.
- ☐ If you need to use the toilet or feel unwell, raise your hand and wait for an invigilator who will escort you from the exam room.
- ☐ Make sure you stay silent – talking to a fellow candidate could result in disqualification from all your exams.

Sixth Form applications

Why choose Falmouth Sixth Form?

- Effective relationships are built very quickly
 - Warm, friendly, positive, vibrant Sixth Form
- Personalised support given to allow students to succeed
- Student voice; Student voice is at the heart of everything we do (Presidency Team)
 - Designated Sixth Form centre
- Support provided to guide students in their next steps through the tutor programme
 - Small class sizes: greater progress made
 - Productive use of time: minimal travelling time

Sixth Form applications

Why choose Falmouth Sixth Form?

- Supervised study sessions to extend knowledge and understanding
 - Academic mentoring
- Extensive enrichment opportunities (social, academic, wellbeing, charity work, volunteering)
 - Excellent facilities for students - discounted gym membership
 - A wide variety of A- Level and vocational qualifications offered

To secure your place on our fantastic courses, applications close 19/4/2024! The Sixth Form Prospectus and application found can be found on our website.

Every Second Counts: Attendance

Good attendance will...

- Ensure you are as prepared as possible for your exams.
- Reduce uncertainty and anxiety.
- Facilitate maximum support from school staff.
- Enable maximum contact with the experts: your subject teachers.

There is a positive correlation between attendance and outcome:

The more you attend, the higher you will achieve



**EVERY
SECOND
COUNTS**

Every Second Counts: Attendance

How to achieve this...

- Do not 'study at home' during school time.
- Do discuss with us any problems you may be experiencing.
- Do not take time off for minor illness.
- Be organised: arrange appointments outside of school time.

There is a positive correlation between attendance and outcome:

The more you attend, the higher you will achieve.



**EVERY
SECOND
COUNTS**

The Year 11 Prom

- Venue: Falmouth Pavilions
- Date: Friday 21st June
- Arrival: 6.30pm. Families are welcome to come in to the gardens for photos until 7pm
- Departure: 10.30pm
- Cost: £25-£30 expected
- Entertainment: DJ
- Food: TBC
- Mocktails and soft drinks will be available



The Year 12/13 Prom

- Venue: Falmouth Maritime Museum
- Date: Friday 28th June
- Arrival: 7pm. Families are welcome to come in for photos up until 7:30pm
- Departure: 10.30pm
- Cost: £25-£30 expected, bursary can be used
- Entertainment: DJ
- Food: TBC
- A variety of drinks available from the bar



Results Day

- Key Stage 5: Thursday, August 15th
- Key Stage 4: Thursday, August 22nd
- Envelopes containing certificates will be available to collect.
- Staff will be there to celebrate with you, and to answer any questions.
- Your results are your results. If you cannot be there on results day, you must write to us *in advance* to give permission for a parent/carer to collect for you, or for us to email your results to you. We will communicate exactly how to do this nearer the time.

If a student is 5 minutes or more late to a lesson, issue a late detention under the S2 folder in Class Charts.



BELIEF
PREPARATION
HARD WORK
SUPPORT

Feedback

