## HOW TO REVISE FOR MATHS

The most effective method of revising for maths is to practice questions!

## HOW TO REVISE FOR MATHS



## LITTLE AND OFTEN

## AND BEST OF ALL...

Students are currently expected to complete between $30 \mathrm{mins}-60$ mins worth of homework.

If students could also then complete 15 minutes on a topic each time this would be

Start early and then build up towards the exam period/mocks.

## REVISE STRATEGICALLY

| Questions | Topic | Score | Sparx Code |
| :---: | :---: | :---: | :---: |
| 1a | Finding the lowest common multiple (LCM) | 1 / 1 | M227 |
| 1b | Calculating with roots and powers | 1 / 1 | U851 |
| 1c | Adding and subtracting integers | $1 / 1$ | U417 |
| 1d | Using a written method to divide integers, Understanding and ordering integers | $1 / 1$ | U453, U600 |
| 2a | Estimating and measuring | $1 / 1$ | U102 |
| 2b | Understanding, measuring and drawing angles | $0 / 1$ | U447 |
| 2c | Finding areas using grids | $1 / 1$ | M900 |
| 2d | Mixed problems: Finding the area and perimeter of simple shapes | $1 / 1$ | U993 |
| 3 a | Multiplying and dividing with negative numbers | $0 / 1$ | U548 |
| 3b | Multiplying and dividing with negative numbers | $1 / 1$ | U548 |
| 3 c | Multiplying and dividing with negative numbers | 0 / 1 | \#REF! |
| 3d | Calculating with roots and powers | $1 / 1$ | U851 |
| 4 | Constructing fractions, Simplifying fractions | $2 / 2$ | U163, U646 |
| 5 | Finding fractions of amounts, Multiplying integers, Adding \& subtracting decimals | $4 / 4$ | U881, U127, U478 |
| 6a | Converting between mixed numbers and improper fractions | $1 / 1$ | U692 |
| 6b | Converting between fractions, decimals and percentages | $1 / 1$ | U888 |
| 7 | Drawing and interpreting pictograms | $4 / 4$ | U506 |
| 8 a | Substituting into algebraic formulae | $2 / 2$ | U585 |
| 8 b | Substituting into algebraic formulae, Solving equations with two or more steps | $3 / 3$ | U585, U325 |
| 9 | Converting between fractions, decimals and percentages | $3 / 3$ | U888 |
| 10 | Using the correct order of operations | $3 / 3$ | U976 |
| 11 | Converting units of length, mass and capacity | $2 / 2$ | U388 |
| 12 | Finding the percentage an amount has been changed by | $1 / 1$ | U278 |
| 13 | Using equivalent ratios to find unknown amounts, Drawing bar charts | $3 / 3$ | U753, U363 |
| 14 | Choosing suitable averages and solving problems | $1 / 3$ | U717 |
| 15 | Area of compound shapes, Write numbers as percentages of other numbers | $2 / 3$ | U970, U925 |
| 16 | Calculating with speed | $1 / 3$ | U151 |
| 17 | Angles on a line and about a point, Constructing and solving equations | $0 / 3$ | U390, U599 |
| 18 | Finding prime numbers | $3 / 3$ | U236 |

## An example QLA sheet which students receive after every mock and assessment.

## Sparx Maths



Students made
83\%
more progress with just 15 minutes of practice every week Students using Sparx Maths Homework made 83\% more progress with just 15 minutes of practice (in comparison to those who did no homework). For each further 15 minutes of practice they made $67 \%$ more progress.

View the report

"Actively working on Sparx for the recommended one hour of homework per week for one whole school year was associated with an increase of almost $\mathbf{3 0 \%}$ of a GCSE grade." Researchers from RAND and the University of Cambridge

## Sparx Maths

## Sparx Maths

## Independent Learning

Change levels to
Find topics

## My activity

| Search for topics: |
| :--- |
| Enter topic name or code |

## Your curriculum:

Select a topic:
Search topics by name or codes.
challenge yourself.

GCSE


## Sparx Maths

Writing probabilities as fractions - U408

Allows you to see what prior
knowledge you need to be successful or where this topic can be taken further.
$\checkmark$ Show building blocks

Chance and probability


| 0.1 <br> Introduce | Question 1 <br> Answer | Question 2 <br> Answer | Question 3 <br> Answer | Question 4 <br> Answer | Question 5 <br> Answer |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 01 <br> Strengthen | Question 1 <br> Answer | Question 2 <br> Answer | Question 3 <br> Answer | Question 4 <br> Answer | Question 5 <br> Answer | Question 6 <br> Answer |
|  | Question 1 <br> Answer | Question 2 <br> Answer |  |  |  |  |

## EXAM QUESTIONS



## ONLINE REVISION RESOURCES

## On maths

## Maths Genie

AQA Past papers

| AQA GCSE Prediction |  |
| :--- | ---: |
| Mathematics  <br> Paper 1 Foundation Tier <br> Nov 2023 $8300 / 1 \mathrm{~F}$${ }^{2}$Matic |  |

## Information

- This is a predicted paper, based on statistics on previous exams.
- There are no guarantees on the 'closeness' of this paper.
- This site, and all that work on it, have no affiliation or relationship with any exam board.
- This site is not endorsed by any company or charity, unless we state otherwise.


## Advice

- Click 'Mark' to mark your answer, once a question is marked, it cannot be edited.
- The questions must be done in order, from Q1 onwards.
- Each question will change subtly every time you take this test.
- Your mark for the paper will only save if you are logged in AND you fully complete the paper


## ONLINE REVISION RESOURCES

## 2. Corbettmaths

 B-『-dey
## Trideos

Whorkshects cesa rexision


Corbettmaths Revision Cards
GCSE Higher or GCSE Foundation
Name:
Exam Style Questions
Collecting Like Terms Corbettmoths

## Equipment needed: Calculator, pen

## Guidance

1. Read each question carefully before you begin answering it. 2. Always show your workings

Video Tutorial
www.corbettmaths.com/contents
Video 9


Answers and Video Solutions


