

# Mathematics Resources

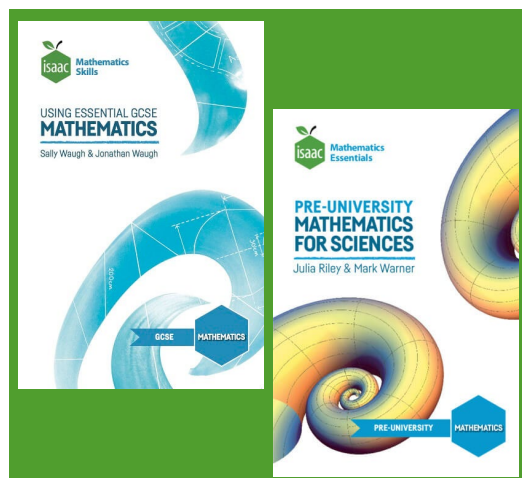
## Books

Our **GCSE Mathematics** book is available for £1 in print or online for free. It is written for both **Foundation & Higher**. It covers the **whole GCSE syllabus**, with **explanations** introducing each section and plenty of **questions** to solve.







[https://isaacphysics.org/books/maths\\_book\\_gcse](https://isaacphysics.org/books/maths_book_gcse)

Our **Pre-University Mathematics** book is available for £1 in print or online for free. It is written to **support** the use of **Mathematics in Science**, with content ranging from end-of-GCSE to first year University.

[https://isaacphysics.org/books/pre\\_uni\\_maths](https://isaacphysics.org/books/pre_uni_maths)



## Practise Mathematics & Master Mathematics

	Stage 1 (Year 12)	Stage 2 (Year 13)
Core Pure Maths		
Mechanics		
Further Pure Maths		

Our **Practise Mathematics** page includes over **1000** past **exam questions**, each arranged by **topic**. This makes it **ideal** for practising a **specific topic** in Mathematics.

[https://isaacphysics.org/pages/maths\\_practice](https://isaacphysics.org/pages/maths_practice)


Our **Master Mathematics** boards contain **exam** questions that **span** a year of **A-level** content. Each **question** is **linked** to **easier** questions on the **same topic**, making it an **ideal** resource for **revision**.


[https://isaacphysics.org/pages/master\\_maths](https://isaacphysics.org/pages/master_maths)

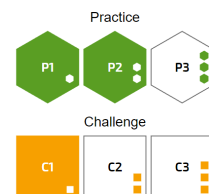
## Question Finder & Concept Pages

Our **Question Finder** allows you to **search** for **questions** based on the **stage**, **difficulty** and **topic** you select. It will generate up to **10** **questions** that you can **save** to solve later.

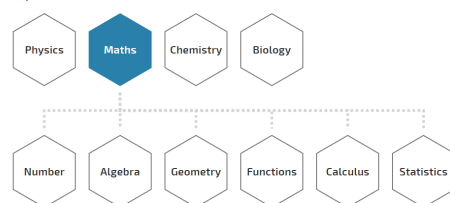
<https://isaacphysics.org/gameboards>

I am interested in stage... 

I would like questions for... 



Topics:



### Mathematical Proof

An introduction to proof by exhaustion, deduction and contradiction, and disproof by counter-example.



### Matrices - Definition

The definition of a matrix, some special types of matrices, matrix addition, matrix subtraction and scalar multiplication.

Our **Concept pages** explain a concept in **detail**. Larger topics are broken down into smaller **sections**, which are organised by educational **stage** and include **worked examples**.

<https://isaacphysics.org/concepts>

## Try Our Resources

You can **try out our resources** yourself with this collection of **10 questions** drawn from each of the sources described above.

[https://isaacphysics.org/gameboards#isaac\\_maths\\_sample](https://isaacphysics.org/gameboards#isaac_maths_sample)