

How to revise for maths

Hong Kong Elementary School First Grade Student Admissions Test Question



香港小学入学考试题: 21题 Hong Kong Elementary School Admissions Test Question: #21

What parking spot # is the car parked in?

Mr Grubb

Solution

Hong Kong Elementary School First Grade Student Admissions Test Question

What parking spot # is the car parked in?

香港小学入学考试题：21题
Hong Kong Elementary School Admissions Test Question: #21

Outline

1. Useful Websites
 - Mymaths
 - Mr Corbett Maths
 - Exam Solutions
2. Revision Lists/Formula List
3. Past Papers
4. Other tips

1. Useful Websites (mymaths)

- Lessons and additional practice questions for all KS4 content
- Booster packs to focus on targeting specific grades
- **Login: Hardenhuish, password: ruler**

GCSE 9-1 (Eng) ▾

A Level new spec (Eng)

A Level legacy spec (Eng, Wal)

Middle school (Eng)

Curriculum for Wales

Curriculum for Excellence (Sct)

Classic MyMaths

KS3 (Eng)

GCSE 9-1 (Eng) ←

Probability

Statistics

Number

Filter:

Everything ▾

Place value >

Place value

Place value

Place value

Place value

Place value

Multiply divide whole

Negative numbers

Decimals

G1 Counting 4

Sequences with whole numbers, decimals and negatives.

Lesson



Online homework



f

G1 Place value hundreds thousands

f

G1 Place value beyond 10000

f

G1 Ordering whole numbers

f

G23 Inequalities and intervals

f

GCSE 9-1 (Eng)

Library

Number

Algebra

Ratio and proportion

Geometry

Probability

Statistics

Revision and assessment

Games

Toolkit

Algebra

Filter:

Grades 4 and 5

Algebraic manipulation

G45

Brackets

Expressions and formulae

G45

Factorising quadratics 1

Equations - linear

Equations - quadratic

Equations - simultaneous

Inequalities

Coordinates

Graphs

Sequences

Functions

Everything

Foundation

Higher

Grade 1

Grades 2 and 3

Grades 4 and 5

Grades 6 and 7

Grades 8 and 9

GCSE 9-1 (Eng)

+ Library

- Revision and assessment >

GCSE booster pack: grades 3 and 4

GCSE booster pack: grades 4 and 5

GCSE booster pack: grades 6 and 7

GCSE booster pack: grades 8 and 9

Games

Toolkit

Revision and assessment

These booster packs will help you **assess** what you know and **revise** the topics you are not sure about. Find out from your teacher which pack is best for you.

Test yourself with the **worksheet** and use the **revision lesson** to go over any areas you find difficult. If you need to go deeper into a particular topic, you can use the supporting lessons and homework tasks.

Make sure you are logged in to My Portal to save your scores and track your progress.

Choose your booster pack on the left then choose a topic to get started.

1. Useful Websites (Corbett Maths)

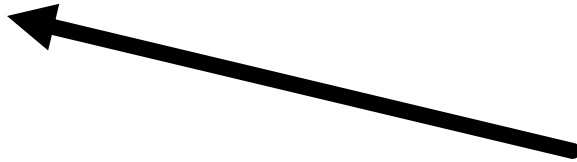
5-a-day

Videos

Worksheets

Practice Papers

Practice Questions



Numeracy
Foundation
Foundation plus
Higher
Higher plus

1. Useful Websites (Corbett Maths)

Videos and Worksheets

Click here for answers

Common marking codes for teachers [Marking codes](#)

2D shapes: names [Video 1](#) [Practice Questions](#) [Textbook Exercise](#)

2D shapes: quadrilaterals [Video 2](#) [Practice Questions](#) [Textbook Exercise](#)

3D shapes: names [Video 3](#) [Practice Questions](#) [Textbook Exercise](#)

3D shapes: nets [Video 4](#) [Practice Questions](#) [Textbook Exercise](#)

3D shapes: vertices, edges, faces [Video 5](#) [Practice Questions](#) [Textbook Exercise](#)

Addition: column method [Video 6](#) [Practice Questions](#) [Textbook Exercise](#)

1. Useful Websites (Exam Solutions)

Home	A-Level Maths	General Topics	GCSE Maths	Maths Papers	Resources	Testimonials	Donate
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A-Level Maths, IB, SAT, GCSE Maths Revision Made Easy



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[Edexcel](#) | [OCR](#) | [AQA](#) | [MEI](#) | [CIE](#) | [IB](#)
GCSE Maths : [GCSE Maths Revision Videos](#)
- View the video tutorial on a topic
- Do some past papers
- Improve your grade

www.examsolutions.net

2. Revision Lists

With numbers I can...

Grade	Skill	R	A	G
5	calculate the lower and upper bounds of a rounded answer			
	estimate a calculation			
	leave my answers in term of pi and as a fraction where necessary			
	simplify surds, including adding and subtracting surds			
4	apply the laws of indices for multiplied and divided terms			
	find the reciprocal of any number			
	perform arithmetic with mixed fractions			
	simplify the result of indices with value 0 or 1			
	use prime factor decomposition to find the HCF and LCM			
	write large and small numbers in standard form			

Handed out
before
Christmas

In geometry I can...

Grade	Skill	R	A	G
9	apply a combination of sine and cosine rules in one problem			
	find the area and surface area of a frustum			
	prove the alternate segment theorem			
8	apply the sine and cosine rule to any triangle			
	prove that 3 points are in a straight line using vector pathways			
	use the alternate segment theorem to find a missing angle			
	use trigonometry in a 3-D situation			

2. Formula Lists

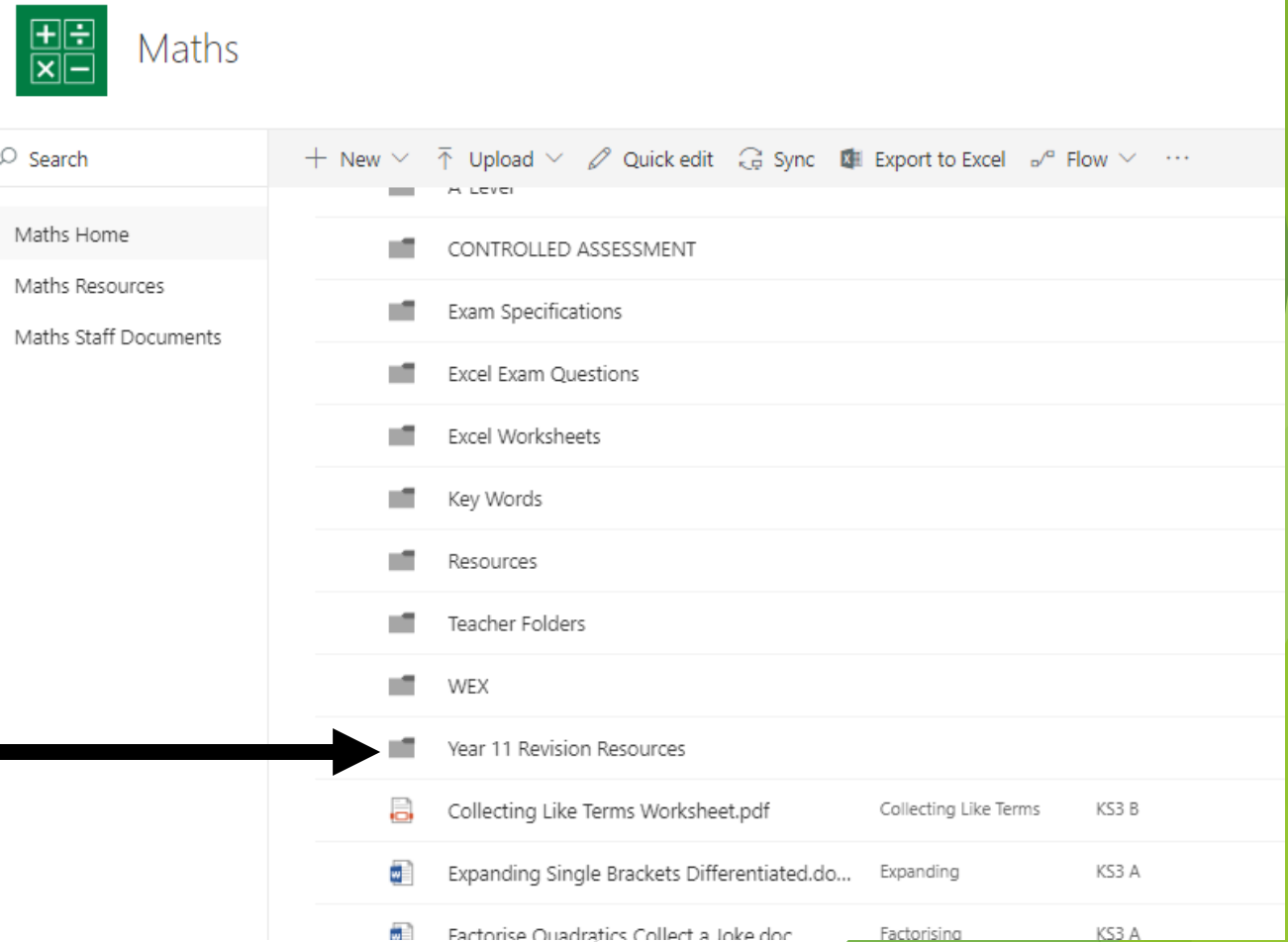
These need to be learnt. Flashcards and posters are useful for this type of revision. Put them up all around the house.

GCSE Maths Formula to Learn (Higher Tier)

Compound interest	Starting amount \times multiplier ^{number of years}
Equation of a straight line	$y - y_1 = m(x - x_1)$ or $y = mx + c$
Gradient of a straight line	$\frac{\text{change in } y - \text{axis}}{\text{change in } x - \text{axis}}$
Equation of a circle	$x^2 + y^2 = r^2$
Quadratic formula	$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$
Speed	$\text{Speed} = \frac{\text{distance}}{\text{time}}$
Density	$\text{Density} = \frac{\text{mass}}{\text{volume}}$
Pressure	Pressure = force \div area
Pythagoras Theorem	$a^2 + b^2 = c^2$

3. Additional Past Papers

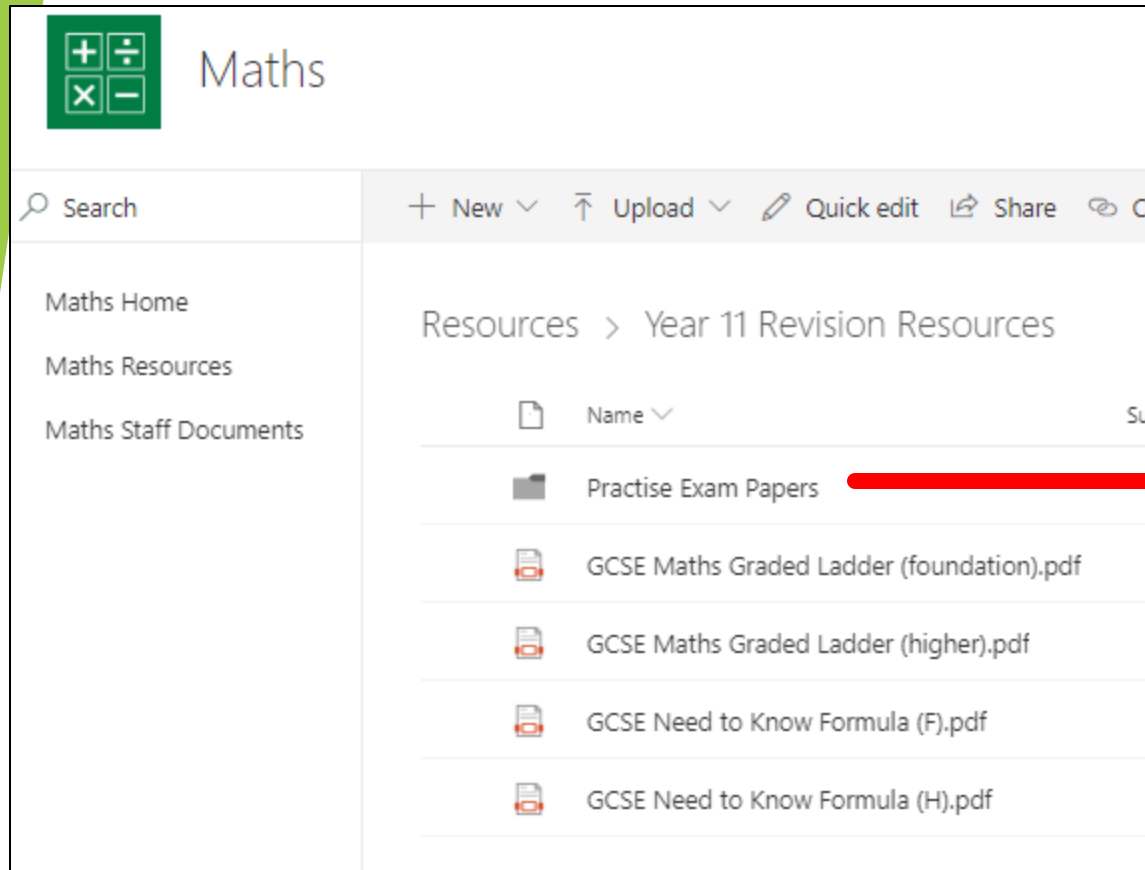
Found in Maths Resources on SharePoint



The screenshot shows a SharePoint site titled 'Maths'. The left-hand navigation pane includes 'Maths Home', 'Maths Resources', and 'Maths Staff Documents'. The main content area displays a list of folders and documents. A black arrow points to the 'Year 11 Revision Resources' folder.

Folder/Document Name	Document Name	Document Type	Document Level
CONTROLLED ASSESSMENT			
Exam Specifications			
Excel Exam Questions			
Excel Worksheets			
Key Words			
Resources			
Teacher Folders			
WEX			
Year 11 Revision Resources			
Collecting Like Terms Worksheet.pdf	Collecting Like Terms	PDF	KS3 B
Expanding Single Brackets Differentiated.do...	Expanding	Word Document	KS3 A
Factorise Quadratics Collect a Inke.doc	Factorising	Word Document	KS3 A

3. Additional Past Papers



Maths

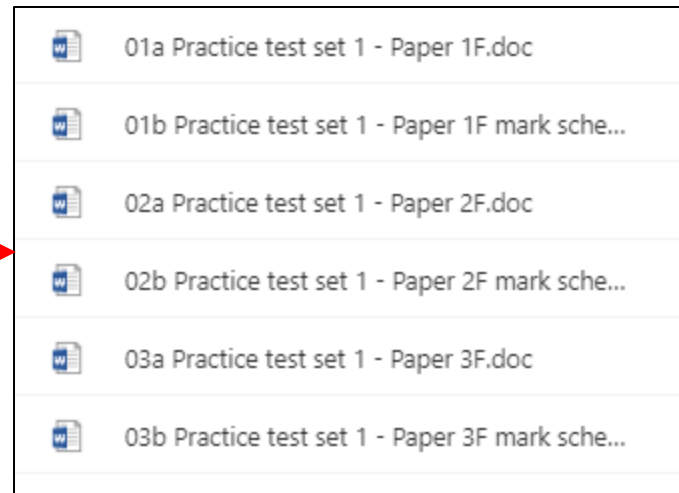
Search

+ New Upload Quick edit Share

Maths Home
Maths Resources
Maths Staff Documents

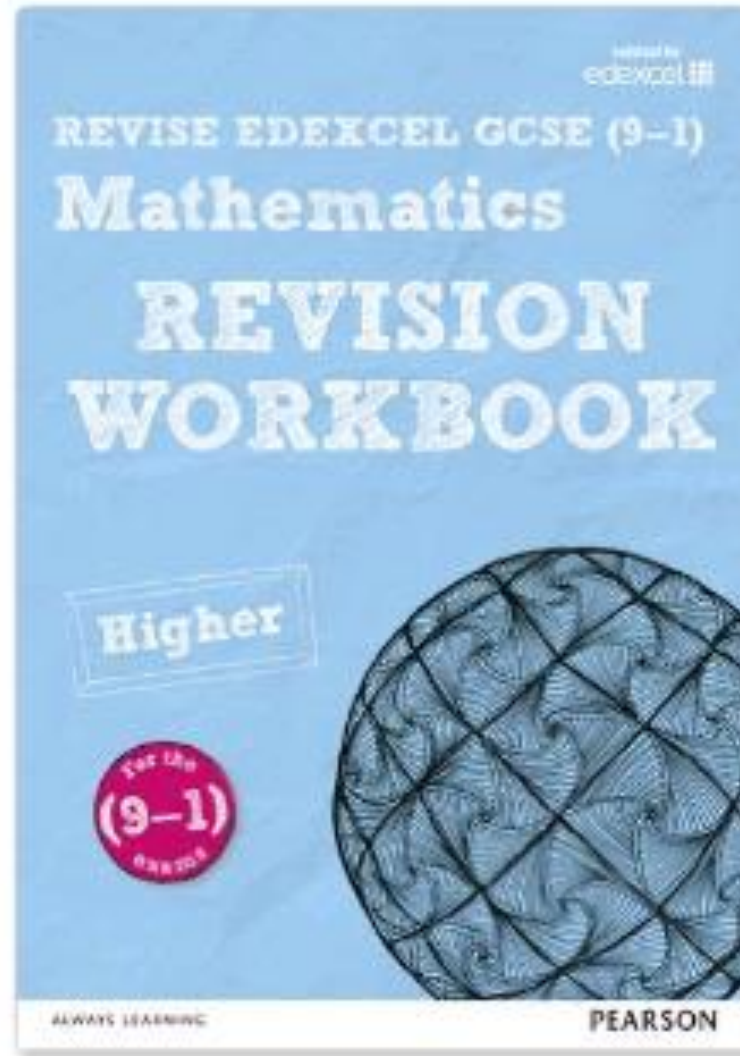
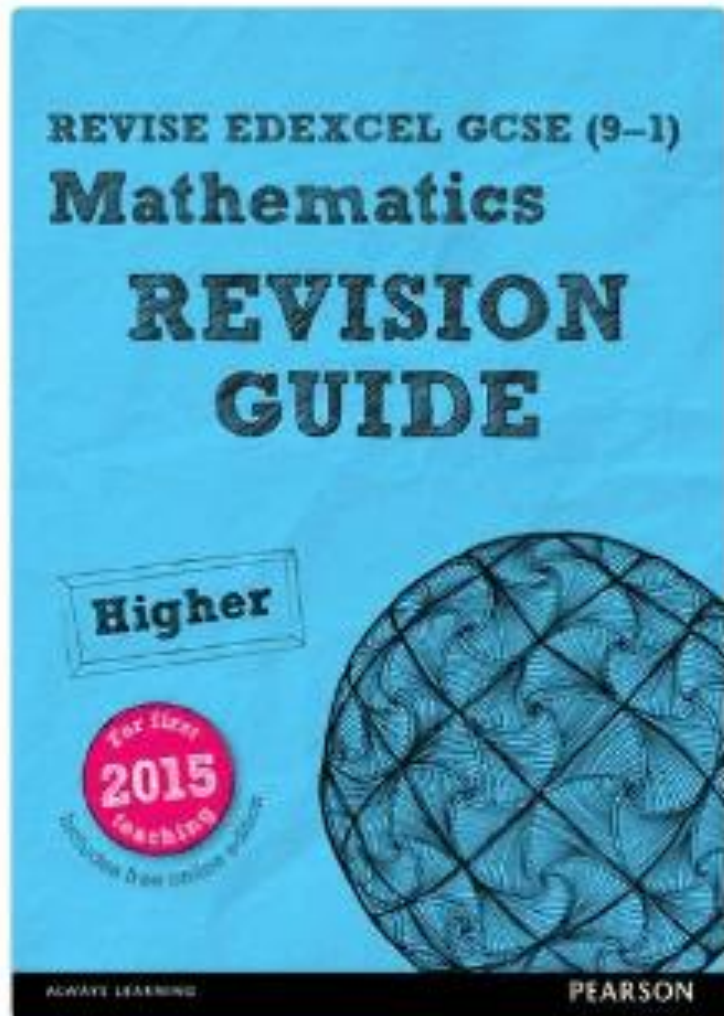
Resources > Year 11 Revision Resources

Name	Size
Practise Exam Papers	
GCSE Maths Graded Ladder (foundation).pdf	
GCSE Maths Graded Ladder (higher).pdf	
GCSE Need to Know Formula (F).pdf	
GCSE Need to Know Formula (H).pdf	



01a Practice test set 1 - Paper 1F.doc
01b Practice test set 1 - Paper 1F mark sche...
02a Practice test set 1 - Paper 2F.doc
02b Practice test set 1 - Paper 2F mark sche...
03a Practice test set 1 - Paper 3F.doc
03b Practice test set 1 - Paper 3F mark sche...

Recommended Revision Guides



Help your teacher help you

1. Highlight keywords from questions and ask your teacher what they mean.
2. When coming to seek help come with a topic in mind or a specific question.
3. Get as far into a question as you can before seeking help from a teacher.

Final Points

We will support the pupils in their exams similar to how we have done in the past:

1. Revision starters through weekly skill checks
2. Revision in class once the course is finished
3. After school revision sessions (see Revision booklet)
4. Past papers completed in class and for homework
5. “KS4 Maths Help” in M3 on Monday lunchtime
6. Class teachers available lunchtime or afterschool where needed.
7. Year 11’s will get a question a day from 100 days before the first exam