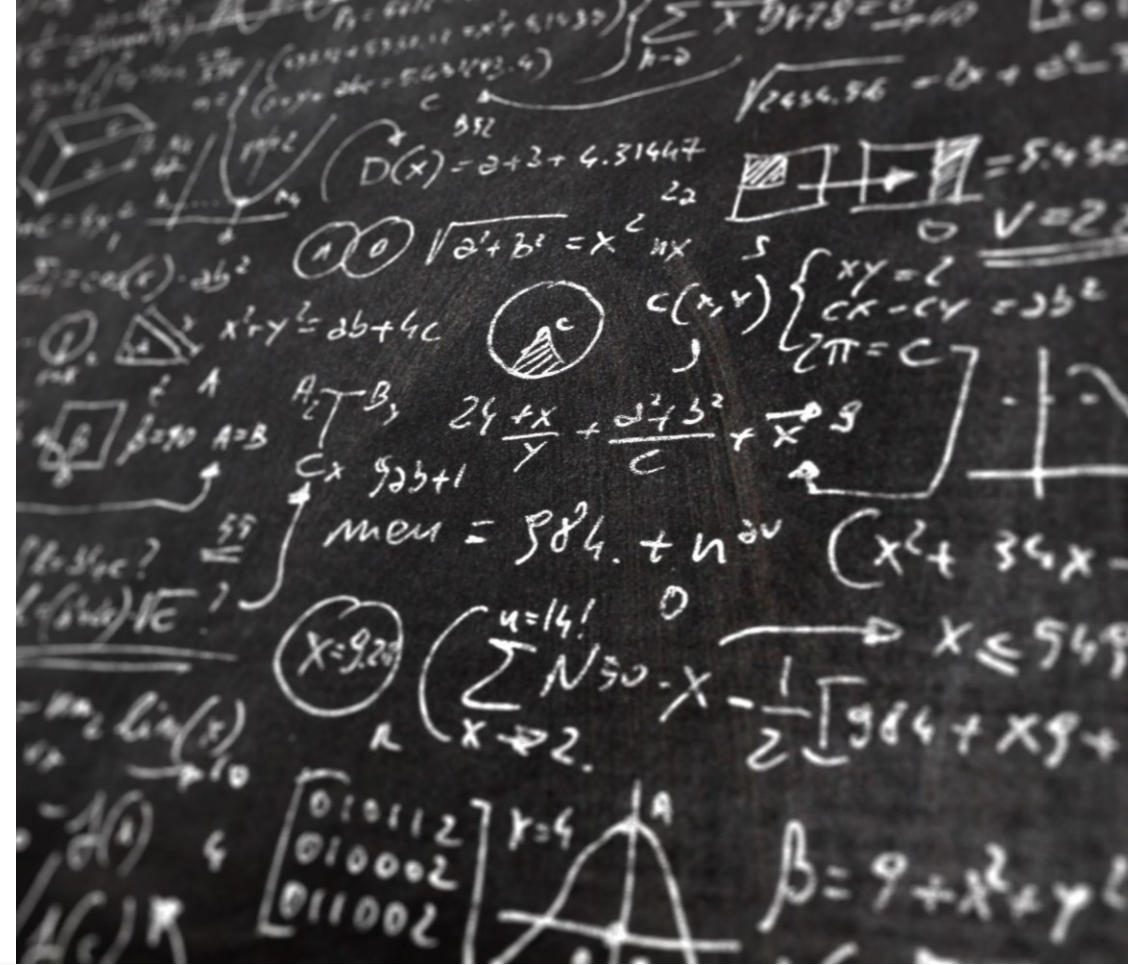


Welcome to Maths at BGGS



A guide to helping your daughter at home



Meet the department

**Senior Leader & Director for
Mathematics – Mrs Shields**

**Second in Department/KS4 Leader
- Miss Ridge**

Mr Glascodine

Mr Patel

Miss Williams

Mr Moore

Dr Lillie



Our Vision - Maths

We believe that it is our duty to inspire young people to see the true beauty of Mathematics by bringing maths alive, making it interesting, and developing and broadening their understanding of mathematical concepts for an ever more technical future.

What Scheme of work and resources do we use in class?



All year groups in our 'through school' use the 'White Rose Maths' programme with its philosophy of 'Everyone Can Do Maths'.

The schemes of work blend the teaching of new topics with 'retrieval' of previous learning interlaced throughout.

Schemes of work, practice assessments and parent help are all readily available on the White Rose website:

<https://whiterosemaths.com/>

	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	Algebraic Thinking						Place Value and Proportion					
	Sequences	Understand and use algebraic notation		Equality and equivalence			Place value and ordering integers and decimals		Fraction, decimal and percentage equivalence			
Spring	Applications of Number						Directed Number		Fractional Thinking			
	Solving problems with addition & subtraction	Solving problems with multiplication and division			Fractions & percentages of amounts		Operations and equations with directed number		Addition and subtraction of fractions			
Summer	Lines and Angles						Reasoning with Number					
	Constructing, measuring and using geometric notation		Developing geometric reasoning				Developing number sense		Sets and probability		Prime numbers and proof	

	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	Proportional Reasoning						Representations					
	Ratio and scale		Multiplicative change		Multiplying and dividing fractions		Working in the Cartesian plane		Representing data		Tables & Probability	
Spring	Algebraic techniques						Developing Number					
	Brackets, equations and inequalities				Sequences	Indices	Fractions and percentages		Standard index form		Number sense	
Summer	Developing Geometry						Reasoning with Data					
	Angles in parallel lines and polygons			Area of trapezia and circles		Line symmetry and reflection	The data handling cycle			Measures of location		

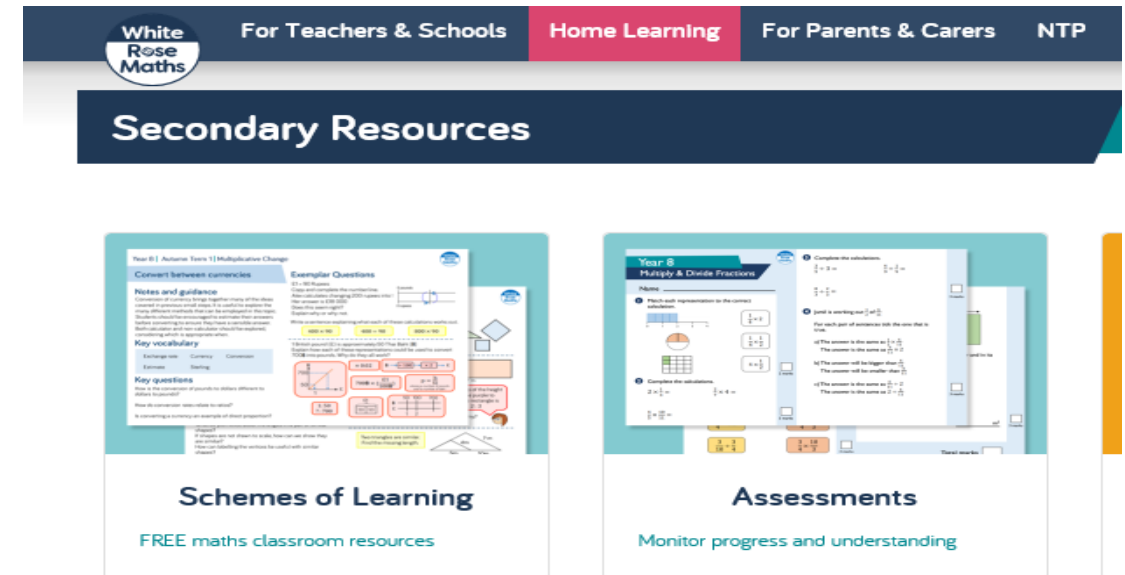
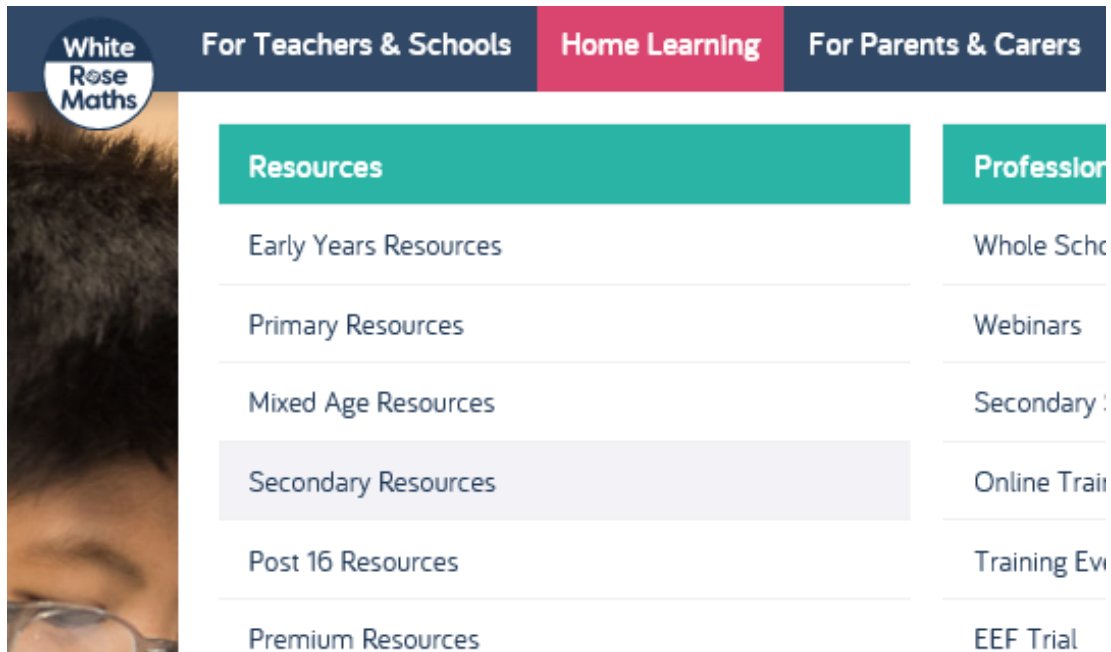
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Reasoning with Algebra						Constructing in 2 and 3 Dimensions					
	Straight line graphs		Forming and solving equations		Testing conjectures		Three-dimensional shapes			Constructions and congruency		
Spring	Reasoning with Number						Reasoning with Geometry					
	Numbers		Using percentages		Maths and money		Deduction		Rotation and translation		Pythagoras' Theorem	
Summer	Reasoning with Proportion						Representations and Revision					
	Enlargement and similarity		Solving ratio & proportion problems		Rates		Probability		Algebraic representation		Revision	

How YOU can access the White Rose resources at home

On the White Rose website, go to 'for Teachers and Schools', then 'Secondary Resources'

You'll then find 'Schemes of Learning' and some 'Assessments'

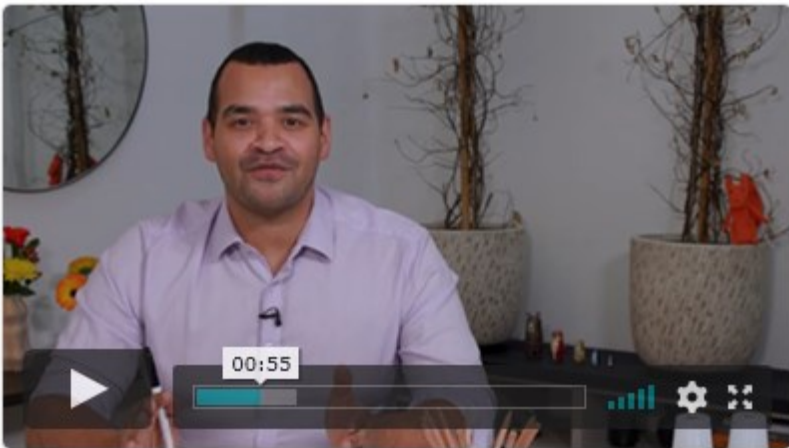
(The assessments can be used as practice for the ones we complete in class')



White Rose - Maths with Michael!

The White Rose Maths website also has helpful videos to help you help your child with concepts such as algebra!

Episode 6 - Algebra



...just click on 'Maths with Michael' under the 'Parents and Carers' tab!

Assessments

End of topic tests

End of term tests

Maths Challenges

Junior maths challenge for years 7 & 8

- 27th – 28th April 2022

Intermediate maths challenge for year 9

- 2nd –3rd February 2022

Maths homework



Here's a short video giving you an overview of 'Hegarty Maths'
<https://hegartymaths.com/> (click on 'watch demo video')

Students are set weekly tasks on the Hegarty Maths website. They have a short video to watch (and can make notes if they wish), then a quiz to complete.

Maths homework



Students log in by searching for 'Bradford Girls' Grammar School'

Typing in their name and date of birth

Choosing their own password (they should write this down!)

They will then see their set tasks.

All work is accessible on any device (e.g smartphone, tablet, laptop)

Enter your details

Logging into **Bradford Girls' Grammar School**. Not your school?

First name

Last name

What's this for?

1



January



2016



What's this for?

Next

Further support

- Support booklet
- KS3 skills booster – Hegarty Maths

Thank you for listening!



Our Maths team are around if you would
like to talk to your daughter's teacher