

# Maths at Camden Girls

## Key Stage 3 - Year 7 and 8

- Focus on numeracy skills and times tables
- Develop curiosity and engagement in problem-solving
- Develop pupils' skills in seeing links across topics
- Challenge pupils at an appropriate level
- IT to establish programming skills
- 30 mins homework once a week set on [HegartyMaths.com](https://www.hegarty.com)

# Maths at Camden Girls

Key Stage 4 - Years 9, 10 and 11

- Edexcel 3-year GCSE course
- Challenge pupils with work appropriate to level
- Focus on consistent practice and exam papers
- [HegartyMaths.com](https://www.hegarty.com) and [Mathsgenie.co.uk](https://www.mathsgenie.co.uk) revision aids

# Maths at Camden Girls

## Year 7

- Focus on numeracy including Times tables rockstars
- Use textbooks, interactive whiteboard, problem-solving and investigations
- Trip to the British Museum to explore Maths in a historical and real-life context (guidelines-permitting)
- Students put in sets from end of October but reviewed regularly
- Tested 3 times a year

# Year 7 Scheme of work

	AUTUMN TERM	CAME	ICT	
1	Whole numbers and decimals	11	Scratch to be done over this H/T (J Man)	
2				
3	Measures, perimeter and area			
4				
5	Expressions and formulae	21		
6				
7				
<b>HALF TERM</b>				
1	Fractions, decimals and percentages			
2				
3	Angles and 2D shapes	6		
4				
5	Graphs			
6				
7				

	SPRING TERM	CAME
1	Whole number calculations	
2		
3	Statistics	
4		
5	Transformations and scale/symmetry	
6		
<b>HALF TERM</b>		
1	Equations	21
2		
3	Factors and multiples	
4		
5	Constructions and 3D shapes	
6		

	SUMMER TERM	CAME
1	Smoothie project?	1
2		
3	Sequences	
4		
5	Decimal calculations	
6		
<b>HALF TERM</b>		
1	Ratio and proportion	16
2		
3	Probability	
4		
5	Everyday maths / Pentominoes	
6	End of year exam	
7	Special Activities	

**TimesTable Rockstars** should be done as a starter throughout the Autumn term. Focus on times tables all year.

# Year 8 Scheme of work

	AUTUMN TERM	CAME	ICT
1	Whole numbers and decimals	17	Python programming to be done over this
2			
3	Measures, perimeter and area	9	
4			
5	Expressions and formulae	2	
6			
7			
HALF TERM			
1	Fractions, decimals and percentages		
2			
3	Angles and 2D shapes		
4			
5	Graphs	23	
6			
7			

	SPRING TERM	CAME
1	Whole number calculations	
2		
3	Statistics	18
4		
5	Transformations and scale/symmetry	
6		
HALF TERM		
1	Equations	
2		
3	Written and calculator methods	
4		
5	Constructions and 3D shapes <b>Puzzle Day</b> in this H/T	

	SUMMER TERM	CAME
1	Sequences + Frogs Investigation	
2		
3	3D shapes	
4		
5	Ratio and proportion	
6		
HALF TERM		
1	Probability + Traffic Accidents <b>Bowland</b>	20
2		
3	Camp Sarlat	
4		
5	Everyday maths	
6	End of year exam	
7	Special Activities	

# Year 8 careers talk with a mathematical physicist from Imperial College London



# Year 8 careers talk with a mathematical physicist from Imperial College London



# Key Maths Teaching Staff



**Simon Howard**  
**Head of Department**



**Layla Ghorbannejad**  
**KS3 Maths Coordinator**



**Josie Pinder**  
**KS4 Maths Coordinator**