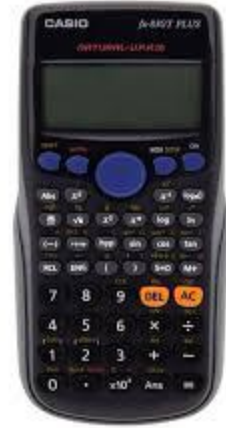




A Guide to Maths



@SWAMaths

twitter

Results

(New spec which is the last two years)

- 76 % students achieved Grade 9-4
- 10% achieved Grade 9-8
- 90+ students enrolled on A level maths / mathematical studies

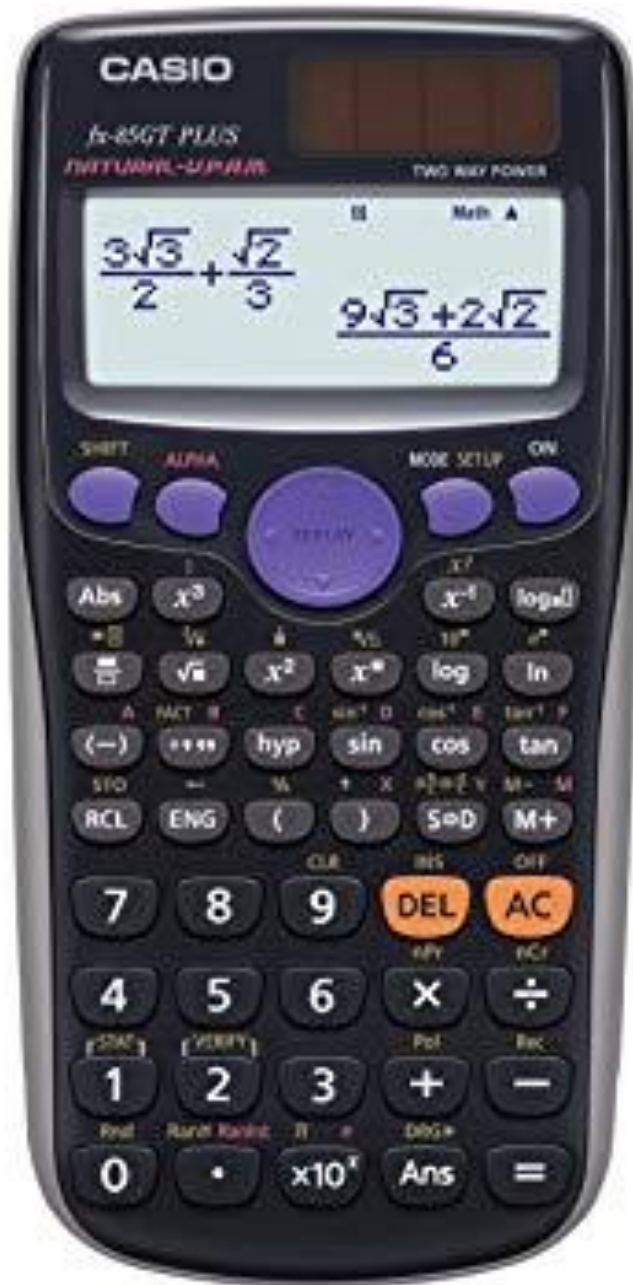
- 30 students completed the first year of the new AS level further maths

Maths GCSE

- Paper 1 = *Non - calculator (80 marks)*
- Paper 2 = *Calculator (80 marks)*
- Paper 3 = *Calculator (80 marks)*

- *Foundation = grades 5 - 1*
 - *Core maths that students will require for the future and building skills for transition to higher*
- *Higher = grades 9 – 4*
 - *Extension topics, ideal for students wishing to stay in further education studying maths related subjects*

- **Decisions on tiers are made in year 11**

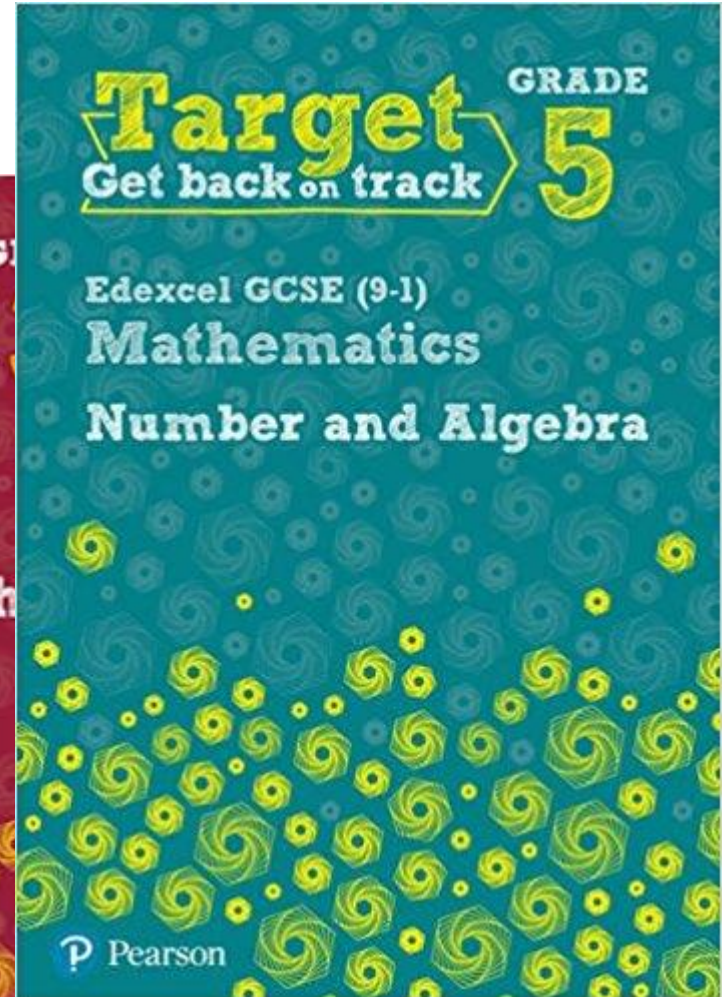
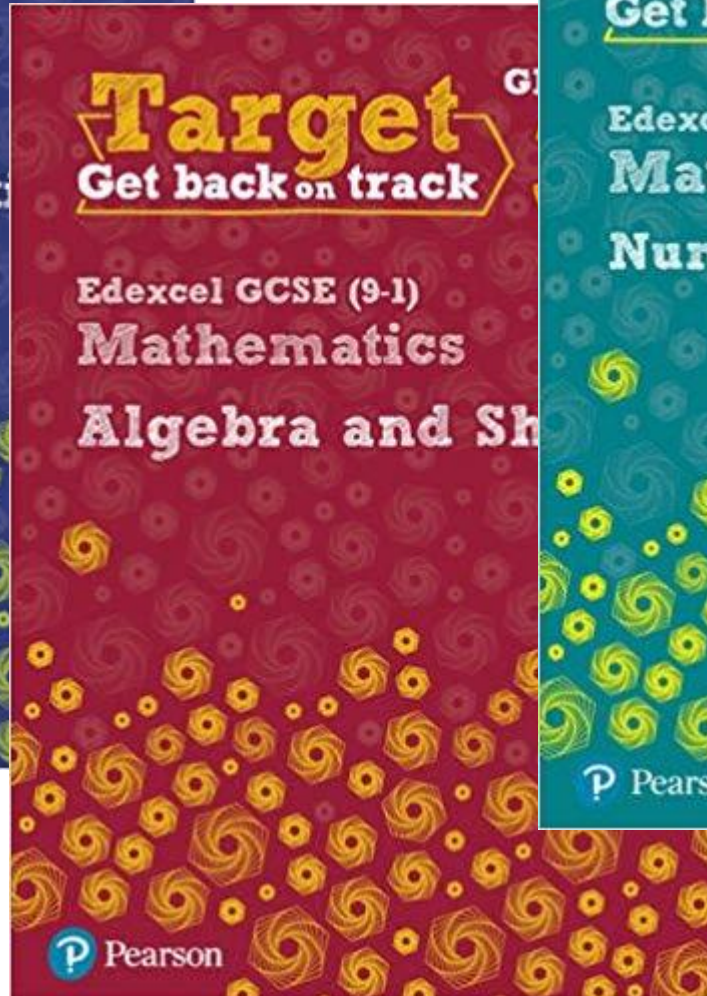
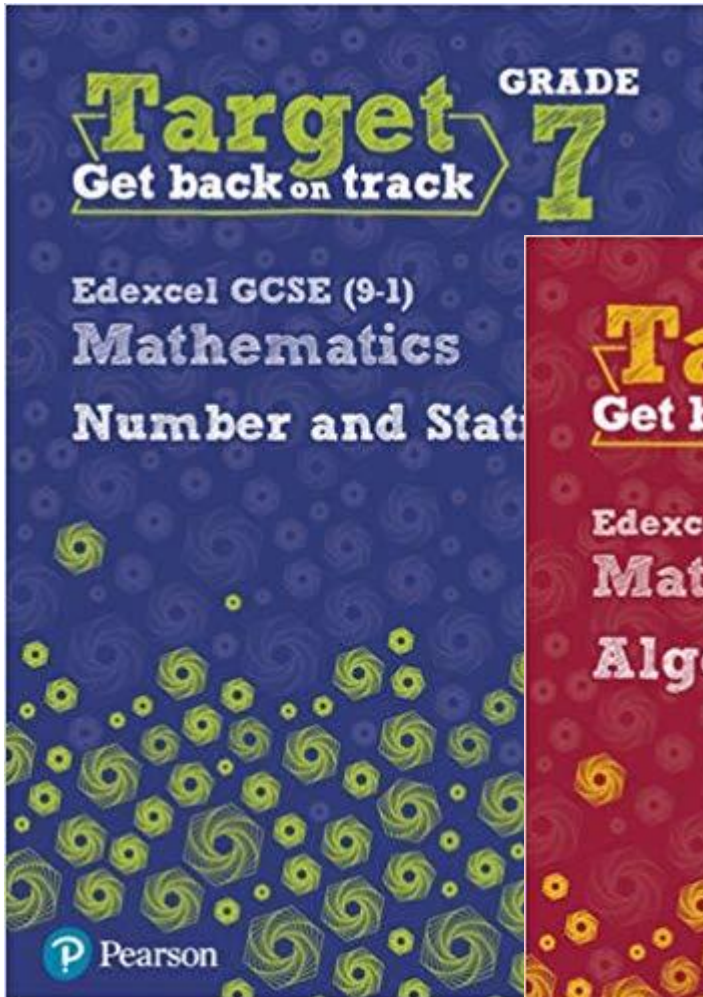


Casio fx-85GT Plus
(Solar Panel)

Casio fx-83GT Plus



Revision guides



Scheme of Learning

- 3 year scheme

	SEP			OCT				NOV				DEC					
Term 1	1A	2B	3A	4B	5A	6B	7A		8B	9A	10B	11A	12B	13A	14B		
	04/09/16	11/09/16	18/09/16	25/09/16	02/10/16	09/10/16	16/10/16	23/10/16	30/10/16	06/11/16	13/11/16	20/11/16	27/11/16	04/12/16	11/12/16	18/12/16	25/12/16
Teacher A	Pythagoras		Test paper	Trigonometry					Basic Algebra, Solving Equations, Re-arrangement of equations, *** Simultaneous equations								
Teacher B	Perimeter and area			Rounding		Circles			Co-ordinates and linear graphs			Indices		Problem solving exam questions			
	JAN			FEB				MAR				April					
Term 2	15A	16B	17A	18B	19A	20B		21A	22B	23A	24B	25A	26B				
	01/01/16	08/01/16	15/01/16	22/01/16	29/01/16	05/02/16	12/02/16	19/02/16	26/02/16	05/03/16	12/03/16	19/03/16	26/03/16	02/04/16	09/04/16		
Teacher A	Types of number / fractions and decimals			Problem solving exam questions				Angles , Angles in polygons Circle Theorems				Exam					
Teacher B	Construction and loci		Sequences		Standard Form			Scales and bearings		2D and 3D		Revision and exam questions					
	April			May				Jun				July					
Term 3	27A	28B	29A	30B	31A	32B		33A	34B	35A	36B	37A	38B	39A			
	16/04/16	23/04/16	30/04/16	07/05/16	14/05/16	21/05/16	28/05/16	04/06/16	11/06/16	18/06/16	25/06/16	02/07/16	09/07/16	16/07/16			
Teacher A	Exam Feedback		Percentages		Ratio			Scatter graphs	Collecting and representing data								
Teacher B	Probability			Revision				Exam	Statistical measures		Numerical methods						

Homework and Mathswatch

- Star sheets
- Mathswatch – videos and follow up quiz
- How to log on
 - www.vlemathswatch.co.uk
 - user@samuelwhitbread
 - grape1

Further Sites

MathsWatch: <https://vle.mathswatch.co.uk/vle/>

All students have their own password and username to access topic specific videos and worksheets.

MathsGenie: <http://www.mathsgenie.co.uk/gcse.html>

Free to use. Students can access topic specific revision videos and then answer past exam style questions based on that topic. Solutions are also provided.

OnMaths: <https://www.onmaths.com/>

Free to use and register. Students can access topic specific videos and questions. Students can also sit a variety of online papers that are marked as they progress. If registered, their scores are tracked so they can monitor their own progress.

Corbett Maths: <https://corbettmaths.com/>

Free to use. Students can access topic specific videos, practice questions and puzzles.



@SWAMaths

twitter

Any questions?