

## Bishop Challoner Catholic College Maths Department

#### Year 10 Summer Assessments 2025: Foundation Revision List

### Assessment 1 (Calculator): <u>Monday 2<sup>nd</sup> June</u> Assessment 2 (Non-Calculator): <u>Thursday 5<sup>th</sup> June</u>

It is recommended that you use your class notes and <u>https://vle.mathswatch.co.uk/vle/</u> to help with your revision. Below are the clips that are relevant to the topics that are to be tested.

Your username is the same as the beginning of your email address: **21aaabbb@bishopchalloner** where **aaa** are thefirst 3 letters of your first name, and **bbb** are the first 3 letters of your surname. Password is **bishop** 

When you log in, click on videos, and select the qualification as 'GCSE'.

Equipment required for mock: Calculator, ruler, pen and pencil

#### Calculator Topic List (80 marks)

Торіс	Mathswatch	Revised?
Volume of cuboids	115	
Geometric definitions	9	
Unit conversion	142	
Naming parts of circles	116	
Percentage increase/decrease	108	
Averages from a list of numbers	62	
Prime factor decomposition	78	
Converting FDP	85	
Listing outcomes	58	
Rounding to decimal places	32	
Drawing pie charts	128a	
Angles in polygons	123	
Angles in triangles	121-2	

Торіс	Mathswatch	Revised?
Ratio and proportion (recipes)	39	
Money calculations	22b	
Frequency trees	57	
Solving linear equations	135a	
Averages from frequency tables	130a	
Circumference of circles/semi-circles	118	
Index laws (algebraic)	82	
Lowest common multiple	80	
Drawing quadratic graphs	98	
Angles in parallel lines	120	
Calculator questions	77	

# Non-Calculator Topic List (50 marks)

Торіс	Mathswatch	Revised?
Ordering Numbers	2, 3	
Converting FDP	85	
Function machines	36	
Pictograms	16	
Standard form conversions	83	
Angles in parallel lines	120	
Fraction arithmetic	71-74	
Co-ordinates	8	
Ratio as fractions, simplifying to 1:n	38	
Factors, multiples and primes	28	
Rounding	31, 32	
Probability scale	14	
Fractions and percentages of amounts	72, 87	
Two-way tables	61	
Expanding and factorising	93 <i>,</i> 94	
Estimation	91	
Place Value	1	
Sharing using ratio	106	