

Cams Hill's Top Topics (Foundation)

Data Handling	MW	R	A	G	Number and Algebra	MW	R	A	G
1. Stem-and-Leaf	128b				26. Index notation and index laws, reciprocals	29, 76, 82, 131, 154			
2. Two Way table inc. text questions	61				27. Standard Form	83			
3. Frequency polygon	65b				28. BIDMAS	75			
4. Scatter Graphs	129				29. Negatives	68			
5. Drawing frequency diagrams – bar charts	15, 63, 65				30. Long multiplication and division	19, 20			
6. Frequency tree	57				31. Prime Factors, product of primes, HCF & LCM	28, 78-80			
7. Averages and range	62				32. Error intervals	132, 155			
8. Averages – grouped table	130				33. Estimation	90-1			
9. Tree Diagrams	151, 175, 204				34. Forming expressions/equations, solving linear equations	135, 137			
10. Probability with Venn diagrams	127, 185				35. Inequalities	138-9			
Shape, Space and Measure					36. Value for money	41			
11. Loci / Constructions	145-7, 165				37. Powers and roots	29, 81			
12. Basic vectors	174				38. Ratio	106-7			
13. Reflections, rotations, translations	48-50				39. Exchange rates	105			
14. Enlargements	148				40. Fractions – 4 operations	24-6, 70-4			
15. Bearings	124				41. Linear and geometric sequences, nth term	102-3, 163			
16. Area and perimeter of 2D shapes inc. circles	54-56, 116-118, 149, 167				42. Simplifying expressions, substitution, factorising	33-35, 94, 95			
17. Vol & s. area of prisms, cones, frustums, spheres & pyramids	114-5, 119, 169-172				43. Expand and simplify	93, 134, 158			
18. Speed/Density/Pressure	142				44. Linear graphs, use of $y=mx+c$	96-7, 159			
19. Converting between units	112				45. Quadratic, cubic & reciprocal graphs inc roots	98-9, 160-161			
20. Nets, Plans and Elevations	44, 51				46. Percentages	85-9, 108-111, 164			
21. Alternate, corresponding and co-interior angles	120				47. Calculator questions	77			
22. Exterior and interior angles of a polygon	123				48. Simultaneous Equations	140, 162			
23. Trigonometry	168				49. Similarity	144			
24. Exact trig. values	173				50. Solving quadratics – factorising	157			
25. Pythagoras' Theorem	150								

MW = vle.mathswatch.co.uk and the number refers to the GCSE video clip(s) associated to the topic. Please note that this list is not exclusive, the other clip numbers may be relevant too – we have just identified the top topics.