

Barnsley Academy – (Year 8) (Maths) Curriculum Overview 2024-25

Autumn Term			Spring Term			Summer Term		
	Class Focus	Homework (Sparx)		Class Focus	Homework (Sparx)		Class Focus	Homework (Sparx)
Week 1	8.01 Powers and Roots	No Sparx set in Week 1	Week 1	8.08 Angles in Parallel lines 1	8.08 Angles in Parallel lines 1	Week 1	8.15 Area of Circles and Trapezia	8.13 Percentage calculations
Week 2	8.01 Powers and Roots	Sparx introduction	Week 2	8.09 Interior and Exterior Angles	8.08 Angles in Parallel lines 1	Week 2	8.16 Statistics 1	8.13 Percentage calculations
Week 3	8.02 Prime factorisation	8.01 Powers and Roots	Week 3	8.10 Circumference	8.09 Interior and Exterior Angles	Week 3	8.16 Statistics 1	8.14 Ratio
Week 4	8.03 Rounding	8.01 Powers and Roots	Week 4	8.10 Circumference	8.09 Interior and Exterior Angles	Week 4	8.16 Statistics 1	8.14 Ratio
Week 5	8.03 Rounding	8.02 Prime factorisation	Week 5	RECAP / Closing The Gap	8.10 Circumference	Week 5	8.17 Averages and Spread	8.15 Area of Circles and Trapezia
Week 6	8.04 Fractions	8.03 Rounding	Week 6	8.11 Proportional reasoning	8.10 Circumference	Week 6	8.17 Averages and Spread	8.15 Area of Circles and Trapezia
Week 7	8.04 Fractions	8.03 Rounding	Week 7	8.12 Fractions, Decimals and Percentages	8.11 Proportional reasoning	Week 7	RECAP / Closing the Gap	8.16 Statistics 1
Week 8	RECAP / Closing the Gap	8.04 Fractions	Week 8	8.12 Fractions, Decimals and Percentages	8.11 Proportional reasoning	Week 8	8.18 3D Visualisation	8.16 Statistics 1
Week 9	8.05 Solving equations 1	8.04 Fractions	Week 9	8.13 Percentage calculations	8.12 Fractions, Decimals and Percentages	Week 9	8.19 Volume	8.17 Averages and Spread
Week 10	8.05 Solving equations 1	8.05 Solving equations 1	Week 10	8.14 Ratio	8.12 Fractions, Decimals and Percentages	Week 10	8.19 Volume	8.17 Averages and Spread
Week 11	8.05 Solving equations 1	8.05 Solving equations 1				Week 11	Revision / Closing the Gap	8.18 3D Visualisation
Week 12	8.06 Coordinates and Basic graphs	8.06 Coordinates and Basic graphs				Week 12	Revision / Closing the Gap	8.19 Volume
Week 13	8.07 Units of Measurement	8.06 Coordinates and Basic graphs				Week 13	Revision / Closing the Gap	8.19 Volume
Week 14	8.07 Units of Measurement	8.07 Units of Measurement				Week 14	Revision / Closing the Gap	Consolidation
Week 15	8.08 Angles in Parallel lines 1	8.07 Units of Measurement						
Assessment	Unit tests at end of each unit		Assessment	Unit tests at end of each unit		Assessment	Unit tests at end of each unit End of year – cumulative assessment – 1 hour	