

Revision resources for the assessments for HT1, HT2, HT3, HT4 & End of Year Exams can be found on the St Bernard's VLE.

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GCSE Edexcel Intermediate 1 (Higher) Mathematics

Half-Term 1	Lesson 01	Higher Ch1: Basic Number - 1.2 Multiplication and Division with Decimals
	Lesson 02	Higher Ch1: Basic Number - 1.3 Approximation of calculations
	Lesson 03	Higher Ch1: Basic Number - 1.4 Multiples, factors, prime numbers, powers and roots - 1.5 Prime factorisation
	Lesson 04	Higher Ch1: Basic Number - 1.5 LCM and HCF
	Lesson 05	Higher Ch1: Basic Number - 1.6 Negative Numbers (15 + 10 + 10 mins) Formative Assessment 01a: Homework 01
	Lesson 06	Higher Ch2: Fractions, Ratio and Proportion - 2.1 One quantity as a fraction of another - 2.2 Adding, subtracting and calculating with fractions
	Lesson 07	Higher Ch2: Fractions, Ratio and Proportion - 2.3 Multiplying and dividing fractions - 2.5 Increasing and decreasing quantities by a percentage
	Lesson 08	Higher Ch2: Fractions, Ratio and Proportion - 2.6 Expressing one quantity as a percentage of another (30 mins) Pearson Comprehension (Reading) Task
	Lesson 09	Higher Ch5: Ratio and Proportion - 5.1 Ratio Summative Assessment 01: Year 9 HT1 HIGHER Non-Calc (45-minutes)
	Lesson 10	Higher Ch5: Ratio and Proportion 5.2 Direct Proportion problems
	Lesson 11	Higher Ch5: Ratio and Proportion - 5.2 Direct Proportion problems (continued) 5.3 Best Buys
	Lesson 12	Higher Ch5: Ratio and Proportion - 5.4 Compound Measures Homework 02

Half-Term 2	Lesson 13	Higher Ch5: Ratio and Proportion - 5.6 Reverse Percentages
	Lesson 14	Higher Ch5: Ratio and Proportion - 5.6 Reverse Percentages
	Lesson 15	Higher Ch4: Number and Sequences - 4.1 Patterns in number - 4.2 Number sequences
	Lesson 16	Higher Ch4: Number and Sequences - 4.3 Finding the nth term of a linear sequence - 4.4 Special sequences
	Lesson 17	Higher Ch4: Number and Sequences - 4.6 Nth term of a quadratic sequence - 4.7 Finding the nth term for quadratic sequences Homework 03
	Lesson 18	Higher Ch6: Angles - 6.1 Angle facts - 6.2 Triangles (15 + 10 + 10 mins) Formative Assessment 02:
	Lesson 19	Higher Ch6: Angles - 6.3 Angles in a polygon
	Lesson 20	Higher Ch6: Angles - 6.4 Regular polygons (30 mins) Pearson Comprehension (Reading) Task
	Lesson 21	Higher Ch6: Angles - 6.5 Parallel lines - 6.6 Special quadrilaterals
	Lesson 22	Higher Ch6: Angles - Bearings (with scale drawings) Homework 04
	Lesson 23	Summative Assessment 02: Year 9 HT2 HIGHER Calc (45-minutes) Higher Ch3: Statistical diagrams and averages 3.2 Statistical measures
	Lesson 24	Higher Ch3: Statistical diagrams and averages 3.2 Statistical measures
Lesson 25	Higher Ch3: Statistical diagrams and averages 3.2 Statistical measures	
Lesson 26	Higher Ch3: Statistical diagrams and Averages 3.3 Scatter diagrams	
Half-Term 3	Lesson 27	Higher Ch7: Transformations, Constructions and Loci - 7.1 Congruent Triangles
	Lesson 28	Higher Ch7: Transformations, Constructions and Loci - 7.3 Transformations
	Lesson 29	Higher Ch7: Transformations, Constructions and Loci - 7.3 Transformations (continued)
	Lesson 30	Higher Ch7: Transformations, Constructions and Loci - 7.3 Transformations (continued) - 7.4 Combination of transformations
	Lesson 31	Higher Ch7: Transformations, Construction and Loci - 7.5 Bisectors

Half-Term 4	Lesson 32	Higher Ch7: Transformations, Construction and Loci - 7.7 Loci problems (15 + 10 + 10 mins) Formative Assessment 03:
	Lesson 33	Higher Ch7: Transformations, Construction and Loci - 7.8 Plans and elevations Homework 05
	Lesson 34	Higher Ch8: Algebraic Manipulation 8.1 Basic algebra
	Lesson 35	Summative Assessment 03: Year 9 HT3 HIGHER Non-Calc (45-minutes) Higher Ch8: Algebraic Manipulation 8.2 Factorisation
	Lesson 36	Higher Ch8: Algebraic Manipulation - 8.2 Factorisation (continued) (30 mins) Pearson Comprehension (Reading) Task
	Lesson 37	Higher Ch8: Algebraic Manipulation 8.3 Quadratic expansion
	Lesson 38	Higher Ch8: Algebraic Manipulation - 8.3 Quadratic expansion (continued)
	Lesson 39	Higher Ch8: Algebraic Manipulations - 8.6 Factorising $x^2 + bx + c$ Homework 06
	Lesson 40	Higher Ch8: Algebraic Manipulation - 8.8 Changing the subject of a formula - 8.7 Factorising $ax^2 + bx + c$ (Set 1 only in Y9)
	Lesson 41	Higher Ch8: Algebraic Manipulation - 8.5 Expanding Triple Brackets (15 + 10 + 10 mins) Formative Assessment 04
Lesson 42	Higher Ch9: Length, area and volume - 9.1 Circumference and area of a circle	
Lesson 43	Higher Ch9: Length, area and volume - 9.2 Area of a parallelogram - 9.3 Area of a trapezium	
Lesson 44	Higher Ch9: Length, area and volume - 9.4 Sectors Homework 07	
Lesson 45	Higher Ch9: Length, area and sectors - 9.5 Volume of a prism - 9.6 Cylinders	
Lesson 46	Higher Ch9: Length, area and volume - 9.7 Volume of a pyramid Summative Assessment 04: Year 9 HT4 HIGHER Calc (45-minutes)	
Lesson 47	Higher Ch9: Length, area and volume - 9.8 Cones	
Lesson 48	Higher Ch9: Length, area and volume - 9.8 Cones	
Lesson 49	Higher Ch9: Length, area and volume - 9.9 Spheres Homework 08	
Lesson 50	Higher Ch10: Linear Graphs - 10.1 Drawing linear graphs from points (30 mins) Pearson Comprehension (Reading) Task	

Half-Term 5	Lesson 51	Higher Ch10: Linear Graphs - 10.2 Gradient of a line - 10.3 Drawing Graphs by Gradient-intercept and Cover-up method
	Lesson 52	Higher Ch10: Linear Graphs - 10.6 Solving simultaneous equations using graphs (15 + 10 + 10 mins) Formative Assessment 05 Homework 09
	Lesson 53	Higher Ch10: Linear Graphs - 10.4 Finding the equation of a line from its graph - 10.7 Parallel and Perpendicular lines
	Lesson 54	Higher Ch10: Linear Graphs - 10.5 Real-life uses of graphs Homework 10
	Lesson 55	Higher Ch11: Right-angled Triangles - 11.1 Pythagoras' theorem - 11.2 Finding shorter side
	Lesson 56	Higher Ch11: Right-angled Triangles - 11.3 Applying Pythagoras' theorem in real life situations - 11.4 Pythagoras' theorem and isosceles triangles
	Lesson 57	Higher Ch11: Right-angled Triangles - 11.6 Trigonometric ratios - 11.7 Calculating angles
	Lesson 58	Higher Ch11: Right-angled Triangles - 11.8 Using the sine and cosine functions
	Lesson 59	Higher Ch11: Right-angled Triangles - 11.9 Using the tangent function
	Lesson 60	Higher Ch11: Right-angled Triangles - 11.10 Which ratio to use (30 mins) Pearson Comprehension (Reading) Task Homework 11
Lesson 61	(15 + 10 + 10 mins) Formative Assessment 06	
Half-Term 6	TBD	Revision Lesson
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	TBD	Summative Assessment 05: Year 9 End of Year Exam HIGHER Paper 1 Non-Calculator (80-minutes)
	TBD	Summative Assessment 06: Year 9 End of Year Exam HIGHER Paper 2 Calculator (80-minutes)
	Lesson 62	Higher Ch12: Similarity - 12.1 Similar Triangles
	Lesson 63	Higher Ch12: Similarity - 12.1 Similar Triangles (continued)
	Lesson 64	Higher Ch12: Similarity - 12.2 Areas and Volumes of similar shapes Homework 12
	Lesson 65	Higher Ch12: Similarity - 12.2 Areas and Volumes of similar shapes (continued)
	Lesson 66	(30 mins) Pearson Comprehension (Reading) Task