ST BERNARD'S HIGH SCHOOL — Year 9 Mathematics Curriculum Map

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

MathsWatch Login Details	MyMaths Login Details
Username: Password:	**School Username: bernard** **School Password: twenty** **Username:** **Password**

GCSE Edexcel Intermediate 2 (Foundation) Mathematics

Half-Term 1	Lesson 01	**Foundation Ch1: Basic Number** - 1.1 Place value and ordering numbers
	Lesson 02	**Foundation Ch1: Basic Number** - 1.2 Order of operations and BIDMAS - 1.3 The four rules
	Lesson 03	**Foundation Ch1: Basic Number** - 1.3 The four rules (continued) Homework 01
	Lesson 04	**Foundation Ch5: Number Properties** - 5.1 Multiples of whole numbers - 5.2 Factors of whole numbers
	Lesson 05	**Foundation Ch5: Number Properties** - 5.3 Prime Numbers - 5.4 Prime Factors, LCM and HCF (15 + 10 + 10 mins) Formative Assessment 01a
	Lesson 06	**Foundation Ch5: Number Properties** - 5.4 Prime Factors, LCM and HCF (continued)
	Lesson 07	**Foundation Ch5: Number Properties** - 5.5 Square Numbers - 5.6 Square roots
	Lesson 08	**Foundation Ch5: Number Properties** - 5.7 Basic calculations on a calculator (30 mins) Pearson Comprehension (Reading) Task Homework 02
	Lesson 09	**Foundation Ch2: Measures and scale drawings** - 2.1 Systems of measurements - 2.2 Conversion factors
	Lesson 10	Summative Assessment 01: Year 9 HT1 FOUNDATION Non-Calc (45-minutes) **Foundation Ch2: Measures and scale drawings** - 2.3 Scale drawings
	Lesson 11	**Foundation Ch2: Measures and scale drawings** - 2.3 Scale drawings - 2.4 Nets
	Lesson 12	**Foundation Ch2: Measures and scale drawings** - 2.5 Using an isometric grid
Half-Term 2	Lesson 13	**Foundation Ch3: Charts, tables and averages** - 3.3 Line Graphs - 3.4 Statistical averages
	Lesson 14	**Foundation Ch3: Charts, tables and averages** - 3.3 Line Graphs - 3.4 Statistical averages
	Lesson 15	**Foundation Ch3: Charts, tables and averages** - 3.4 Statistical averages (continued)
	Lesson 16	**Foundation Ch3: Charts, tables and averages** Stem + Leaf Diagrams (resource required) Homework 03
	Lesson 17	**Foundation Ch4: Angles** - 4.1 Angle facts - 4.2 Triangles
	Lesson 18	**Foundation Ch4: Angles** - 4.5 Angles in parallel lines (15 + 10 + 10 mins) Formative Assessment 02
	Lesson 19	**Foundation Ch4: Angles** - 4.3 Angles in polygons
	Lesson 20	**Foundation Ch4: Angles** - 4.4 Regular polygons (30 mins) Pearson Comprehension (Reading) Task
	Lesson 21	**Foundation Ch4: Angles** - 4.6 Special quadrilaterals Homework 04
	Lesson 22	**Foundation Ch4: Angles** - 4.7 Bearings
	Lesson 23	Summative Assessment 02: Year 9 HT2 FOUNDATION Calculator (45-minutes) **Foundation Ch6: Approximations** - 6.1 Rounding whole number (continued)
	Lesson 24	**Foundation Ch6: Approximations** - 6.1 Rounding whole number
	Lesson 25	**Foundation Ch6: Approximations** - 6.2 Rounding decimals
	Lesson 26	**Foundation Ch6: Approximations** - 6.3 Approximating calculations Homework 05
Half-Term 3	Lesson 27	**Foundation Ch7: Decimals and Fractions** - 7.1 Calculating with decimals
	Lesson 28	**Foundation Ch7: Decimals and Fractions** - 7.2 Fractions and Reciprocals - 7.3 Fractions of quantities
	Lesson 29	**Foundation Ch7: Decimals and Fractions** - 7.4 Adding and subtracting fractions
	Lesson 30	**Foundation Ch7: Decimals and Fractions** - 7.5 Multiplying and dividing fractions
	Lesson 31	**Foundation Ch7: Decimals and Fractions** - 7.6 Fractions on a calculator Homework 06

	Lesson 32	**Foundation Ch8: Linear Graphs** - 8.1 Graphs and equations **(15 + 10 + 10 mins) Formative Assessment 03**
	Lesson 33	**Foundation Ch8: Linear Graphs** - 8.2 Drawing linear graphs by finding points - 8.8 Solving simultaneous equations using graphs
	Lesson 34	**Foundation Ch8: Linear Graphs** - 8.3 Gradient of a line - 8.4 $y = mx + c$
	Lesson 35	**Summative Assessment 03: Year 9 HT3 FOUNDATION Non-Calc (45-minutes)** **Foundation Ch8: Linear Graphs** - 8.5 Finding the equation of a line from its graph
	Lesson 36	**Foundation Ch8: Linear Graphs** - 8.5 Finding the equation of a line from its graph *Exercise 8F p189* **(30 mins) Pearson Comprehension (Reading) Task**
	Lesson 37	**Foundation Ch8: Linear Graphs** - 8.6 The equation of a parallel line - 8.7 Real-life uses of graphs Homework 07
	Lesson 38	**Foundation Ch9: Expressions and Formulae** - 9.1 Basic algebra - 9.2 Substitution
	Lesson 39	**Acting on Feedback Deadline Summative Assessment 03** **Foundation Ch9: Expressions and Formulae** - 9.3 Expanding brackets
Half-Term 4	Lesson 40	**Foundation Ch9: Expressions and formulae** - 9.4 Factorisation
	Lesson 41	**Foundation Ch9: Expressions and formulae** - 9.5 Expanding Double Brackets **(15 + 10 + 10 mins) Formative Assessment 04**
	Lesson 42	**Foundation Ch9: Expressions and formulae** - 9.6 Quadratic factorisation
	Lesson 43	**Foundation Ch9: Expressions and formulae** - 9.7 Changing the subject of a formula Homework 08
	Lesson 44	**Foundation Ch10: Ratio, Speed and Proportion** - 10.1 Ratio
	Lesson 45	**Foundation Ch10: Ratio, Speed and Proportion** - 10.3 Direct proportion problems
	Lesson 46	**Foundation Ch10: Ratio, Speed and Proportion** - 10.2 Speed, distance and time
	Lesson 47	**Summative Assessment 04: Year 9 HT4 FOUNDATION Calculator (45-minutes)** **Foundation Ch10: Ratio, Speed and Proportion** - 10.4 Best buys
	Lesson 48	**Foundation Ch10: Ratio, Speed and Proportion** - 10.4 Best buys Homework 09
	Lesson 49	**Foundation Ch11: Perimeter and Area** - 11.1 Rectangles - 11.2 Compound shapes (Rectilinear)

	Lesson 50	**Foundation Ch11: Perimeter and Area** - 11.3 Area of a triangle **(30 mins) Pearson Comprehension (Reading) Task**
	Lesson 51	**Acting on Feedback Deadline Summative Assessment 04** **Foundation Ch11: Perimeter and Area** - 11.4 Area of a parallelogram - 11.5 Area of a trapezium
Half-Term 5	Lesson 52	**Foundation Ch11: Perimeter and Area** - 11.6 Circles + Circumference *Exercise 11G p269 + Exercise 11H p27* **(15 + 10 + 10 mins) Formative Assessment 05**
	Lesson 53	**Foundation Ch11: Perimeter and Area** - 11.7 Area of a circle
	Lesson 54	**Foundation Ch11: Perimeter and Area** - 11.8 Answers in terms of π Homework 10
	Lesson 55	**Foundation Ch12: Transformations** - 12.2 Translations - 12.7 Vectors
	Lesson 56	**Foundation Ch12: Transformations** - 12.3 Reflections
	Lesson 57	**Foundation Ch12: Transformations** - 12.1 Rotational Symmetry - 12.4 Rotations Homework 11
	Lesson 58	**Foundation Ch12: Transformations** - 12.5 Enlargements
	Lesson 59	**Foundation Ch12: Transformations** 2.6 Using more than one transformation Homework 12
	Lesson 60	**Foundation Ch14: Volume and Surface Area of Prisms** 14.1 3D shapes **(30 mins) Pearson Comprehension (Reading) Task**
	Lesson 61	**Revision Lesson** **(15 + 10 + 10 mins) Formative Assessment 06**
Half-Term 6	TBD	**Revision Lesson**
	TBD	**Revision Lesson**
	TBD	**Summative Assessment 05: Year 9 End of Year Exam FOUNDATION Paper 1 Non-Calculator (80-minutes)**
	TBD	**Summative Assessment 06: Year 9 End of Year Exam FOUNDATION Paper 2 Calculator (80-minutes)**
	Lesson 62	**Foundation Ch14: Volume and Surface Area of Prisms** - 14.2 Volume and surface area of a cuboid
	Lesson 63	**Foundation Ch14: Volume and Surface Area of Prisms** - 14.3 Volume and surface area of a prism
	Lesson 64	**Foundation Ch14: Volume and Surface Area of Prisms** 14.3 Volume and surface area of a cylinder Homework 13
	Lesson 65	**(30 mins) Pearson Comprehension (Reading) Task**