

Year 7-9 curriculum overview Trinity Term 2018

Trinity first half term

CORE & Ebacc subjects

	Year 7	Year 8	Year 9
English	Shakespeare	Shakespeare	Shakespeare
Science	Matter/Genes	Ecosystems, Waves and Electromagnets	Atomic structure; energy; cell biology
French		Assessment preparation	Family & relationships
Geography	Glaciers	South West China	Globalisation
German	Free time; present & future tenses	Free time; present, past & future tenses	House & home
History	Middle Ages – history of democracy	Industrial revolution	Cold War – an introduction
Philosophy & Ethics	Love your neighbour?	Does God exist?	Whose life is it anyway?

Open Subjects

	Year 7	Year 8	Year 9
Art	Fish – exploring formal elements through primary/secondary source recording	Picasso – developing 2 nd media experiments	Dia De Muertos – designing masks
Design & Technology	Food Technology – following & adapting recipes	Wooden box – joints and skill development	Food Technology – feeding the family
Drama	Red Tree – devising from a stimulus	Tell Tale Heart – movement	Bang Out of Order – characterisation
ICT	Excel Spreadsheets	Excel Spreadsheets	Excel Spreadsheets
Music	Kitchen sink – exploring percussion	Music for special occasions	Popular songs – song writing
PE	Athletics; tennis	Athletics; tennis	Athletics; tennis

Trinity second half term

CORE & Ebacc subjects

	Year 7	Year 8	Year 9
English	Assessments and review	Speaking & language presentations	Speaking & language presentations
Science	Matter/Genes	Ecosystems, Waves and Electromagnets	Bonding, structure & properties of matter; forces & motion; organisation & disease
French		Technology	Technology
Geography	The Lake District	Coasts	Development
German	House & home	Free time; tenses	Holidays
History	The Tudors – Henry VIII and his legacy	Jack the Ripper/Crime in the Victorian era	9/11.
Philosophy & Ethics	Can religion save the world?	What is the purpose of life?	Britain – a multi faith society?

Open subjects

	Year 7	Year 8	Year 9
Art	Fish – developing printmaking skills	Picasso – creating outcomes	Dia De Muertos – creating 3D masks
Design & Technology	Food Technology – following & adapting recipes	Food Technology – looking after the family	Food Technology – feeding the family
Drama	Red Tree – devising from a stimulus	Fast Car – mime, movement, atmosphere	DNA - devising from a stimulus
ICT	Research, PowerPoint & presentation	Research, PowerPoint & presentation	Research, PowerPoint & presentation
Music	Music Technology - garage band	Indian music - Bhagra	Arranging pop songs
PE	Athletics; tennis	Athletics; tennis	Athletics; tennis

Maths

At Ixworth Free School we have devised a spiral curriculum in mathematics. In a spiral curriculum, learning is spread out over time rather than being concentrated in shorter periods. In a spiral curriculum, material is revisited repeatedly over months and across year groups. This spiralling approach is effective with all learners as it allows them to deepen their understanding of each topic over time. The regular re-visiting of familiar topics aids recall as well as mastery. In the table below, topics have been emboldened and listed on the left-hand side. On the right-hand side parents can see how these topics are made more challenging over time.

The table below also refers to 'levels'; these are GCSE levels (grades) and relate directly to the new GCSE specification.

Trinity first half term

	Levels 1 to 3	Levels 2 to 4	Levels 3 to 5	Levels 4 to 6+
Fractions, Decimals, Percentages and Standard Form (N2, N3 and N9)	Ordering Decimals BIDMAS Simple Multiplication	Ordering Fractions, Decimals and Percentages Long Multiplication Multiplying Decimals	Long Multiplication with numbers such as 23.7 Writing a number in Standard Form	Converting Recurring decimals into fractions Calculations using Standard Form
Manipulating Expressions (A4, A18)	Collecting Like terms Expanding a Single Bracket Factorise into a Single Bracket	Expand and Simplify Expand two Brackets Factorise expression of the form $x^2 + kx$	Factorise a quadratic Identify the difference of 2 squares Solve a Quadratic by factorising	Factorise a quadratic of the form $ax^2 + bx + c$ Complete the Square Expand using Surds
Relationship Graphs (S6, S2 and R1)	Plotting a Scatter Graph Using a Conversion Graph	Classify Correlation Using a Distance-Time graphs	Use the terms extrapolation and interpolation	Time Series graphs
Averages (S1, S4 and S5)	Mean, Median, Mode and Range from a list of numbers	Mean, Median, Mode and Range from frequency table	Mean, class that includes the Median, Modal class and Range from grouped frequency table	Interquartile range and box plots from a list of numbers Compare distributions

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	Levels 1 to 3	Levels 2 to 4	Levels 3 to 5	Levels 4 to 6+
Estimation and Rounding (N14, N15 and N16)	Round to the nearest multiple of 10 Round to 1 or 2 decimal places	Round to 1 or 2 Significant Figures Estimate the answer to 1 step calculations	Estimate the Answer to compound calculations	Calculate the error bounds of a calculation using inequality notation
Transformations (G24, G25 and G7)	Reflect in the x and y axis Translate shapes using Vector notation Enlarge shapes by a scale factor	Rotate around a point Enlarge through a point Reflect through any straight line	Fractional scale factor enlargements Describe a transformation	Negative Scale factor Enlargements
Charts and Graphs (S2 and S3)	Pictogram Bar charts Tally Chart	Pie Chart Stem and Leaf	Drawing a Histogram	Histograms Box Plots Cumulative Frequency Curve
Indices (A1,A3 and A4)	Use Index Notation Multiplication, Division, Zero Power and Power of a Power	Laws of Indices where there is a coefficient other than 1	Use Fractional Powers to evaluate numbers including fractions	Use Negative Fractional Powers to evaluate numbers including fractions