

Year 8 Curriculum Map



The Bolsover School Vision



The Bolsover School
'Nothing but the Best'

Trust

- High Expectation
- Confident Learners
- Respectful
- Widen Experiences
- Critical Minds
- Subject Experts

Brave

- Limitless
- Creative
- Thirst for learning
- Active Learners
- Responsible Citizens
- Personal Development focused

Success

- Celebrate Achievement
- Strong Destinations
- Broad & Balanced offer
- Literacy focused
- Achieving Excellence
- Teaching & Learning emphasis

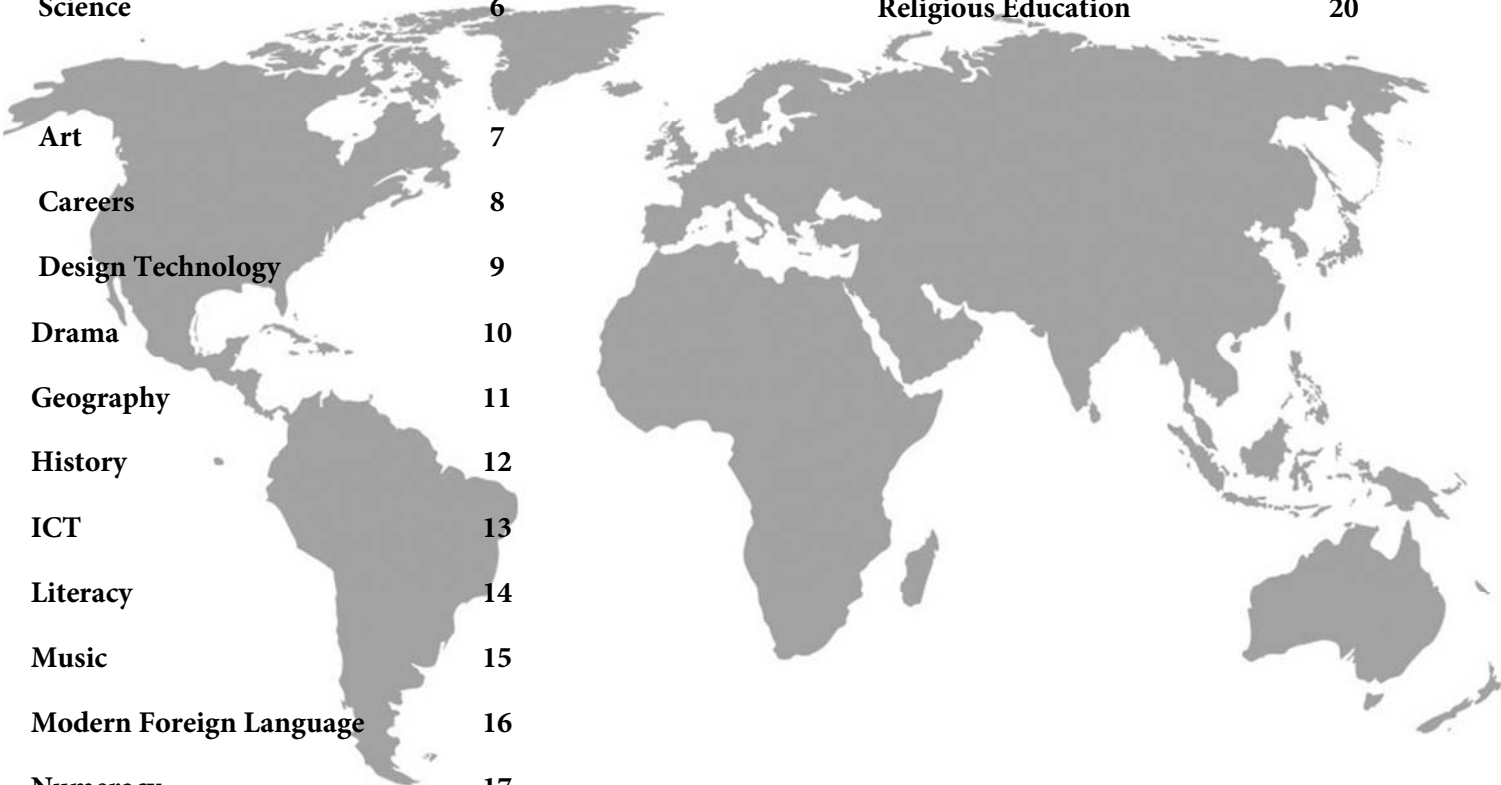
Core Values

1. To participate in a careers or curriculum based visit to enrich your education
2. To organise individually or as a team member a charity fund raising activity
3. To represent your house in at least 10 disciplines
4. To make a significant contribution to an arts event within the school
5. To represent the school in sports on more than one occasion
6. To participate in a curriculum plus activity and/or secure a recognised community award
7. To secure a school position of responsibility
8. To undertake 3 public speaking events or assemblies
9. To lead an effect school based enterprise venture
10. Individual target



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English

Term/Weeks	6th September – 12th November	15th November– 14th January	17th January- 18th March	21st March– 10th June	13th June – 23rd July
Topic	A Monster Calls	Society	Blood Brothers	Frankenstein	Richard III
Knowledge and Skills	<p>Themes Supernatural Family Suffering Reality Death</p> <p>Skills Information retrieval Comprehension Inference Language analysis Structural analysis Writing to describe and narrate</p>	<p>Themes Responsibility Society Morality Injustice Inequality Power</p> <p>Skills Comprehension Inference Language analysis Structure and form analysis Point of View Writing Poetry Writing</p>	<p>Themes Social class Fate Responsibility Nature vs nurture</p> <p>Skills Comprehension and Inference Language analysis Point of view writing - Article</p>	<p>Themes Gothic Isolation Obsession Prejudice Morality</p> <p>Skills Comprehension and Inference Language analysis Letter Writing Empathetic Writing</p>	<p>Themes Jacobean theatre Power Manipulation Corruption</p> <p>Skills Comprehension Inference Language analysis Newspaper Writing</p>

Mathematics

Term/Weeks	Term 1			Term 2			Term 3		
Level	Foundation	Intermediate	Higher	Foundation	Intermediate	Higher	Foundation	Intermediate	Higher
Topic	Number properties and calculations Shapes and measures in 3D	Number Area and volume	Factors and powers Working with powers 2D Shapes and 3D Solids	Statistics Expressions and Equations Decimal calculations	Statistics, graphs and charts Expressions and Equations	2D shapes and 3D solids Real-life graphs Transformations	Angles	Real-life graphs	Fractions, decimals and percentages
Knowledge and Skills	Adding and subtracting larger numbers Negative numbers Writing ratios Using ratios to solve problems Multiplicative reasoning 3D shapes Nets of 3D shapes Surface area Volume Working with measures	Calculations Calculating with negative integers Powers, roots and brackets Multiples and factors Area of a triangle Area of a parallelogram and trapezium Volume of cubes and cuboids 3D shapes Surface area of cubes and cuboids Problems and measures	Prime factor decomposition Laws of indices Powers of 10 Calculating and estimating Simplifying expressions Expanding and simplifying Substituting and solving Plans and evaluations Surface area and volume of prisms Circumference and area of a circle Cylinders Pythagoras' theorem	Data collection sheets Interpreting bar charts Drawing bar charts Pie charts Simplifying expressions Functions Solving equations Using brackets Adding and subtracting decimals Multiplying decimals Ordering and rounding decimals Problem solving with decimals	Pie charts Using g tables Stem and leaf diagrams Comparing data Scatter graphs Misleading graphs Algebraic powers Expressions and brackets Factorising expressions One and two-step equations The balancing method	Plans and evaluations Surface area and volume of prisms Circumference and area of a circle Cylinders Pythagoras' theorem Direct proportion Interpreting financial graphs Distance-time graphs Rates of change Misleading graphs Reflection and translation Rotation Enlargement Combining transformations	Measuring and drawing angles Vertically opposite angles Angles in triangles Drawing triangles accurately Designing nets	Conversion graphs Line graphs Complex line graphs Graphs of functions	Recurring decimals Using percentages Percentage change Repeated percentage change

Term 4			Term 5			Term 6		
Foundation	Intermediate	Higher	Foundation	Intermediate	Higher	Foundation	Intermediate	Higher
Number properties Sequences	Decimals and ratio Lines and angles	Constructions and Loci Probability	Fractions and percentages Probability	Calculating with fractions Straight line graphs	Scale drawings and measures Graphs	Probability Investigations	Percentages, decimals and fractions	Investigations
Squares, cubes and roots Calculating with brackets and indices LCM and HCF Prime factor decomposition Generating sequences Extending sequences Special sequences Position-to-term rules Finding the nth term	Ordering decimals and rounding Place-value calculations Calculations with decimals Ratio and proportion with decimals Using ratios Quadrilaterals Alternate angles and proof Geometrical problems Exterior and interior angles Solving geometrical problems	Accurate drawings Constructing shapes Constructions Loci Comparing probabilities Mutually exclusive events Estimating probability Experimental probability Probability diagrams Tree diagrams	Comparing fractions Fractions of amounts Adding and subtracting fractions Fractions and percentages Calculating percentages Percentages and proportion The language of probability Outcomes Probability calculations Experimental probability Comparing probabilities	Adding and subtracting fractions Multiplying and dividing fractions Fractions, decimals and reciprocals Calculating with mixed numbers Direct proportion on graphs Gradients Equations of straight lines Direct proportion problems	Maps and scales Bearings Scales and ratio Congruent and similar shapes Solving geometry problems Plotting linear graphs The gradient y=mx+c Parallel and perpendicular lines Inverse functions Non-linear graphs	The language of probability Outcomes Probability calculations Experimental probability Comparing probabilities	Fractions and decimals Equivalent proportions Writing percentages Percentages of amounts Solving problems	

Science

Wk 1 (Sept)	W2 -16 (Sept-Feb)			W17-19 (Feb)	W20-34 (Mar-Jul)			W35-37 (Jul)	W35-37 (Jul)
Bolsover Blueprint	B3: Ecosystems and Genetics	C3: Earth Sciences	P3: Electricity, Magnetism and Space	Scientific skills and enrichment	B4: Organ Systems	C4: Inorganic Chemistry	P4: Materials and Properties	Scientific skills and enrichment	GCSE Preparation
<p>A series of non-subjected related lessons designed to create a culture of positivity and assertive learning</p>	<p>Ecosystems, organisation and food chains Sampling Human impact on ecosystem Bioaccumulation Importance of biodiversity The carbon cycle The nitrogen cycle The water cycle DNA structure and genome Inheritance Variation Natural selection and evolution Selective breeding and genetic engineering Classification</p>	<p>The Earth's structure Types of rock Rock cycle Reactivity series of metals - displacement Metal extraction Copper extraction practical Oxidation Complete combustion Incomplete combustion Energy in fuels practical The Earth's atmosphere Air pollution Ceramics, polymers and composites Recycling</p>	<p>I and Q Circuits Resistance Voltage Parallel circuits Static electricity Magnetism Electromagnetism Using electromagnetism The Earth's magnetic field Structure of the Solar System Days and seasons Phases of the moon</p>	<p>An opportunity for development of key scientific skills to be developed and opportunities for curriculum enrichment</p>	<p>Structure and function of the skeleton Biomechanisms - skeleton and muscles Heart and circulatory system Blood and blood vessels Cardiovascular disease Hormonal responses Control of blood glucose Diabetes Puberty and the menstrual cycle Reproduction in humans Pregnancy and birth Reproduction in plants - pollination Fertilisation and dispersal Germination and growth</p>	<p>Models of the atom Particle model and diffusion Gas pressure Chemical symbols and formulae Symbol equations and conservation of mass Patterns in the periodic table Reactions of metals Endothermic and exothermic reactions Catalysts Carbon cycle and the atmosphere</p>	<p>Density Investigating floating and sinking Pressure Pressure and fluids Investigating pressure and fluids Hooke's law Work Moments Investigating moments and levers Using waves heat transfer Wave interference</p>	<p>An opportunity for development of key scientific skills to be developed and opportunities for curriculum enrichment</p>	<p>An opportunity for development of key scientific skills and curriculum structure and content to be investigated as an introduction to the GCSE curriculum</p>



Art

Term/Weeks	Terms 1-2	Terms 3-4	Terms 5-6
Topic	Animals and Mythical Creatures - Birds	Animals and Mythical Creatures - Illustration	Animals and Mythical Creatures - Metamorphosis
Knowledge and Skills	Contextual research & artist study Observational studies of birds Media exploration 3D Clay techniques Planning final piece Final 3D sculpture Evaluation of final piece	Contextual research & artist study Media exploration Painting & Illustration practice Stop-motion animation Planning a final piece Final piece Evaluation of final piece	Contextual research & artist study Measured portrait drawing Mixed media exploration through metamorphosis Final piece Evaluation of final piece

Careers

YEAR 8	Term 1	Term 2	Term 3
Assemblies:	Sept-Overview of BIG Event Oct- How to Choose GCSE's-West Nott's College	1.Raising Aspirations- Chesterfield College 2.Options Preparation 3. FUTURE Friday's/Alumni	
Enrichment Days:			
Career Talks/Lessons:	Nov- Motivational Speaker		
Tutor Time:	<ul style="list-style-type: none"> ▪ Education to Employment ▪ Various careers topics on Tutorial PowerPoint 	<ul style="list-style-type: none"> ▪ Education to Employment ▪ Various careers topics on Tutorial PowerPoint 	<ul style="list-style-type: none"> ▪ Education to Employment ▪ Various careers topics on Tutorial PowerPoint
Trips:	The BIG Event- December		
Other:	Career Guidance 1:1s Faraday Challenge Careers Talks	Career Guidance 1:1s GCSE Parents/Options Evening February 2021 Careers Talks	Career Guidance 1:1s Careers Talks

Design Technology

Term/Weeks	One block per term		
Topic	D&T	Food Preparation and Nutrition	Textiles
Knowledge and Skills	<p>Module 1</p> <p>Responding to a design brief</p> <p>Technical drawing</p> <p>Material properties (Metals, alloys and Smart materials)</p> <p>Using jigs</p> <p>Bending and folding</p> <p>Joining</p> <p>Finishing techniques</p> <p>Influential designers</p> <p>Evaluation against a specification</p> <p>Module 2</p> <p>Motion</p> <p>Mechanisms and mechanical systems</p> <p>Modelling techniques</p> <p>CAD/CAM</p> <p>Design trends</p> <p>Methods of production</p> <p>Selecting appropriate materials</p> <p>New and emerging technologies</p> <p>Society, environment and responsibility of design</p>	<p>Module 1</p> <p>Nutrition: macro, micro & non nutrients.</p> <p>Eight tips for healthy eating.</p> <p>Eatwell guide</p> <p>Practical: Pasta salad</p> <p>Carbohydrates</p> <p>Practical: Scones</p> <p>Fats</p> <p>Practical: Apple Crumble</p> <p>Protein</p> <p>Practical: Pizza pinwheels</p> <p>Vegetarians</p> <p>Module 2</p> <p>Bread ingredients & types of bread</p> <p>Practical:: Bread</p> <p>Pizza design & planning</p> <p>Practical: Pizza</p> <p>Types of fats in pastry</p> <p>Practical: Pastry investigation</p> <p>Practical: Shortcrust pastry</p> <p>Pastry ingredients, ratio, vital steps & finishing techniques.</p> <p>Practical: Maids of honour</p> <p>Types of cake making methods, ingredients & technical terms.</p> <p>Practical: Marble tray bake</p>	<p>Module 1</p> <p>Health and safety</p> <p>An introduction into Edo Morales</p> <p>Evaluating an artist (Edo)</p> <p>HMK: Research and evaluate the artist Sue Stone</p> <p>Mark making</p> <p>Marking making Self Portrait</p> <p>HMK: Research embroidery techniques</p> <p>Hand embroidery</p> <p>Planning our fabric Self portrait</p> <p>Creating our Edo Morales inspired self portrait</p> <p>Evaluation</p> <p>Module 2</p> <p>Design Brief and Product analysis</p> <p>Designing our stationary wrap</p> <p>HMK: 6 R's</p> <p>Mastering the sewing machine</p> <p>Creating our stationary wrap</p> <p>HMK: 6 R's Extended</p> <p>Testing and evaluation</p>

Drama

Term/Weeks	Term 1-2	Term 3-4	Term 5	Term 6
Topic	Melodrama	Chair duets	School film	Performance poetry
Knowledge and Skills	Chases Stock characters and plots Comedy rule of three Entrances and exits Devising drama - Hotel Splendide	Frantic Assembly Contact Improvisation Chair duets in pairs Transitions between pairs	Devising task Stimlui, research and intentions Site specific locations and rehearsal Film techniques and conventions	Study of performance poets: John Hegley, Benjamin Zephaniah, I Wanna Be A Star poems. Choral speaking and movement.

Geography

Term/Weeks	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Topic	Population		Plate Tectonics		Water	
Knowledge and Skills	Population distribution Population Vs wealth Demographic Transition Model Population Pyramids China – Population Policy	Bangladesh – Population Policy Niger Migration Myanmar – Refugees Mexico to the USA	Plate Tectonics Evidence Plate Boundaries Cause of Earthquakes Japan Earthquakes	Earthquake-proof Buildings Boxing Day Tsunami Volcanoes Living in Volcanic Areas Disaster Management	Glaciation Glacial Landscapes Importance of Glaciers Rivers and the Water Cycle River Processes River Management	Coastal Processes and Features Coastal Management Plastics in the Ocean Climate Change Impact and Management
Assessments	Explain Numeracy Evaluate Summative Assessment		Explain Evaluate Map skills		Map skills Evaluate Summative Assessment	

History

Term/Weeks	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Topic	Industrial Revolution	Slavery	Revolutions	WW1	WW1 and WW2	WW2
Knowledge and Skills	Changes in Britain 1750 - 1850. Factories. Local History (Bolsover castle). Changes - government intervention technological and medical developments. Causes and consequences. Knowledge and understanding.	British Empire. Slavery. Plantation life. Abolition and interpretations of it. Source analysis	American Revolution. French Revolution. Luddites/workers' revolts. Suffragettes. Cause and consequences. Chronology.	Causes and Steps to War. Trench Conditions. Weapons of War. Home Front. Causes and consequences. Chronology.	Home Front. Armistice and Impact. Causes of WW2 . Treaty of Versailles. Source analysis Causes and consequences	Hitler's Rise to Power. Holocaust. Impact of WW2. Summary of the later 20th century Source analysis. Impact and consequences.

ICT

Term/Weeks	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
Topic	Unit topic: Flowol	Unit topic: Python	Unit topic: Technology	Unit topic: Data Representation	Unit topic: Networks	Unit topic: Hardware
Knowledge and Skills	<p>Unit topic: Flowol</p> <p>8 lessons</p> <p>Practical based algorithm unit using flowcharts to solve real life problems.</p> <p>Assessment: OneNote Assessment test. Big Write: Instruction</p>	<p>Unit topic: Python</p> <p>8 lessons</p> <p>Practical based unit. Introduction to Python. Students will be given the task of creating a Maths quiz.</p> <p>Assessment: OneNote Assessment of skills from each week.</p>	<p>Unit topic: Technology</p> <p>5 lessons</p> <p>Theory based unit. Students will learn about different hardware, software, IOS devices. Also, looking at the impact of technology on society.</p> <p>Assessment: Essay question. Big Write: Discussion.</p>	<p>Unit topic: Data Representation</p> <p>7 lessons</p> <p>Theory topic, students will learn about binary, denary and hex systems. Image and sound representation will also be covered.</p> <p>Assessment: MS Form.</p>	<p>Unit topic: Networks</p> <p>7 lessons</p> <p>Theory based unit where students will expand on the basics of Networks in Computing. Network hardware, performance, protocols, models, topologies and packet switching.</p> <p>Assessment: MS Form.</p>	<p>Unit topic: Hardware</p> <p>4 lessons</p> <p>Theory based unit. Students will be covering input, output and storage devices as well as memory.</p> <p>Assessment: MS Form.</p>

Literacy

	Year 8
Topic	Lexia
Topic	Literacy Progress Units

**Knowledge
and Skills**

Building on skills and requirements from Year 7, pupils' needs will be supported by the Lexia programme and will progress to lessons from the Literacy Progress Units if appropriate. The topics are flexible to allow pupils to revisit or revise a topic to consolidate their

Modern Foreign Language



Term/Weeks	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Topic	Free time activities	School	Where you live		Health	
Knowledge and Skills	Vocabulary Hobbies Opinion phrases The weather Adjectives to describe activities Plans for next weekend Grammar Present tense Future tense	Vocabulary School subjects Telling the time Places in school Adjectives to describe lessons Describing uniform Grammar Adjective endings Inversion (German)	Vocabulary Where you live Your house Rooms and furniture Where things are in your house How much pocket money you get Grammar Prepositions	Vocabulary Chores What you do with money What's in your town Asking and giving directions Grammar Adjective endings Imperative	Vocabulary Food Breakfast Food preferences Daily routine Grammar Opinion phrases Reflexive verbs	Vocabulary Lunch Dinner Food groups Healthy activities German/French/Spanish speciality food German/French/Spanish food compared to British food Health decisions Body Illness Grammar Past and future tense Comparative adjectives Future, conditional tense Reflexive verbs

Music

Term/Weeks	Term 1	Term 2	Term 3
Topic	African Drumming and the Blues	Film music	Space Rondo
Knowledge and Skills	African music rhythms and instruments Origins of blues music Chords and blues scales Composer focus Solo performance Solo composition Folk music	Programme music Using timbre and playing techniques Compositional skills Composer focus Ensemble performance Ensemble composition	Musical structures Compositional ideas Writing melodies Programme music Composer focus Instrumental techniques Ensemble performance Ensemble composition

Numeracy

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Knowledge and Skills	Division Fractions Shape Multiplication Factors Multiples Prime Numbers Calculating with decimals	Times tables Addition Subtraction Multiplication Division Converting Fractions Time Money	Fractions Decimals Percentages Multiplication Division Ratio and Proportion	Measurement 2D and 3D Shapes Angles Collect, sorting and recording data Mental mathematics	Charts and Graphs Pie Charts Questionnaires Averages	Probability Using Formulae Simple Calculations

Physical Education

Term/Week	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Topic	Rules /Expectations MyPB Empathy Motivating and influencing others	MyPB Motivating and influencing others Empathy Integrity Communication Evaluation Innovation Self-motivation	MyPB Communication Evaluation Innovation Self-motivaion	MyPB Self-motivation Innovation Evaluation Communication	MyPB Self-managemnet and active listening Responsibility Resilience	MyPB Respponsibility Resilience
Knowledge and Skills	Handball Football	Handball Football Netball Rugby Hockey Trampolining Badminton Health Related Fitness	Hockey Trampolining Badminton Health Related Fitness	Health Relaated Fitness Badminton Basketball Hockey	Athletics Rounders Tennis Cricket Stoolball	Rounders Tennis Cricket Stoolball

RE

Term/Weeks	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Topic	Sikhism	Moral Issues	Islam	Families	Buddhism	War and Peace
Knowledge and Skills	Beginnings of Sikhism and Guru Nanak Gurdwara Guru Granth Sahib 5 Ks Khalsa 10 Gurus	Making moral decisions Problem of evil Hitler Holocaust	Being a muslim Sunni and Shi'a muslims 6 beliefs 10 obligatory acts Ramadan	Stereotypes Families Religious Upbringing: Hinduism Religious Upbringing: Christianity Religious Upbringing: Islam	Siddhartha Guatama Buddhist beliefs The eight fold path Five precepts Three marks of existence Life after death	Introduction to war Why do wars happen? Just war theory Religious responses to war Pacifism project