

Year 7 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



Contents Page

English	4	Personal Development	18
Mathematics	5	Physical Education	19
Science	6	Religious Education	20
Art	7		
Careers	8		
Design Technology	9		
Drama	10		
Geography	11		
History	12		
ICT	13		
Literacy	14		
Music	15		
Modern Foreign Language	16		
Numeracy	17		



English

Term/Weeks	2nd September-6th December	9th December-7th February	10th February-27th March	30th March-15th May	18th May-17th July
Topic	Greek Myths and Legends	Henry V	Romantic Poetry	Women's writing - introduction to Gothic Literature	Animal Farm
Knowledge and Skills	Skills Information retrieval Inference Writing to describe Narrative writing	Themes Elizabethan theatre Patriotism Social class Power Skills Inference Language analysis Writing fiction	Themes The sublime Marginalised people Childlike perspective Nature Skills Inference Language analysis Structure and form Writing to describe	Extracts from <i>Jane Eyre</i> , <i>Wuthering Heights</i> , <i>Frankenstein</i> . Themes Supernatural Mystery Gothic literature Isolation Skills Inference Language analysis Point of view writing.	Themes Power and corruption Manipulation Lies and deceit Hopes and dreams Violence Skills Inference Language analysis Point of view writing.

Mathematics

Term/Weeks	Term 1			Term 2			Term 3		
Level	Foundation	Intermediate	Higher	Foundation	Intermediate	Higher	Foundation	Intermediate	Higher
Topic	Analysing and displaying data Calculating	Analysing and displaying data Number skills	Analysing and displaying data Number skills	Calculating Expressions, functions and formulae	Number skills Expressions, functions and formulae	Number skills Equations, functions and formulae	Graphs Factors and multiples	Decimals and measures Fractions	Fractions Angles and shapes
Knowledge and Skills	Finding information Displaying and organising data Mode and modal class Range and median Mean Adding Subtracting Multiplying Dividing Positive and negative numbers	Mode, median and range Displaying data Grouping data Averages and comparing data Line graphs and bar charts Mental maths Addition and subtraction Multiplication Division Time and money Negative numbers Factors, multiples and primes Square and triangle numbers	Two-way tables and bar charts Averages and range Grouped data Graphs Pie charts Scatter graphs and correlation Factors, primes and multiples Using negative numbers Multiplying and dividing Squares and square roots Powers and roots Calculations	Adding Subtracting Multiplying Dividing Positive and negative numbers Using functions Function machines Simplifying expressions Writing expressions Using formulae Writing formulae	Mental maths Addition and subtraction Multiplication Division Time and money Negative numbers Factors, multiples and primes Square and triangle numbers Functions Simplifying expressions Writing expressions Substituting into formulae Writing formulae	Factors, primes and multiples Using negative numbers Multiplying and dividing Squares and square roots Powers and roots Calculations Simplifying algebraic equations Writing algebraic expressions Using and writing formulae Brackets and powers Factorising expressions	Real-life graphs Coordinates Graphs of functions Scientific graphs Number rules and relationships Multiples Multiplication Division Solving problems Factors and primes Common factors and multiples	Decimals and rounding Length, mass and capacity Scales and coordinates Working with decimals mentally Working with decimals Perimeter Area Comparing fractions Simplifying fractions Working with fractions Fractions and decimals Understanding percentages Percentages of amounts	Working with fractions Adding and subtracting fractions Fractions, decimals and percentages Multiplying and dividing fractions Working with mixed numbers Angles and parallel lines Triangles Quadrilaterals Polygons
Term 4			Term 5			Term 6			
Foundation	Intermediate	Higher	Foundation	Intermediate	Higher	Foundation	Intermediate	Higher	
Decimals and measures Angles and lines	Fractions Probability Ratio and proportion	Angles and shapes Decimals Equations	Angles and lines Measuring and shapes Fractions, decimals and percentages	Ratio and proportion Lines and angles Sequences and graphs	Equations Multiplicative reasoning Perimeter, area and volume	Fractions, decimals and percentages Transformations	Sequences and graphs Transformations	Perimeter, area and volume Sequences and graphs	
Estimates and measures Decimal numbers Metric units Adding and subtracting decimals Rounding Multiplying and dividing decimals Calculating with money Right angles Measuring angles Drawing and estimating angles Putting angles together	Comparing fractions Simplifying fractions Working with fractions Fractions and decimals Understanding percentages Percentages of amount The language of probability Caulculating probability Experimental probability Expected outcomes Direct proportion Writing and using ratios Scales and measures Proportions and fractions Proportions and percentages	Angles and parallel lines Triangles Quadrilaterals Polygons Ordering and rounding decimals Adding and subtracting decimals Multiplying and dividing decimals Fractions, decimals and percentages Working with percentages Solving one and two step equations More complex equations Trial and improvement	Right angles Measuring angles Drawing and estimating angles Putting angles together Shapes Symmetry Regular polygons Perimeter Area Comparing fractions Equivalent fractions Caulculating with fractions Finding percentages	Direct proportion Writing and using ratios Scales and measures Proportions and fractions Proportions and percentages Lines, angles and triangles Estimating, measuring and drawing angles Drawing triangles accurately Calculating angles accurately Angles in a triangle Quadrilaterals Sequences Pattern sequences Coordinates Extending sequences Position-to-term rules	Solving one and two step equations More complex equations Trial and improvement Metric and imperial units Writing ratios Sharing in a given ratio Proportion Proportional reasoning Using the unitary method Triangles, parallelograms and trapeziums Perimeter and area of compound shapes Properties of 3D solids Surface area Volume Measures of area and volume	Comparing fractions Equivalent fractions Caulculating with fractions Finding percentages Reflection Translation Rotation Congruency	Sequences Pattern sequences Coordinates Extending sequences Position-to-term rules Congruency and enlargements Symmetry Reflection Rotation Translations and combined transformations	Triangles, parallelograms and trapeziums Perimeter and area of compound shapes Properties of 3D solids Surface area Volume Measures of area and volume Sequences The nth term Pattern sequences Coordinates and line segments Graphs	



Science

Term/Weeks	W1-17 (Sept-Jan)			W18-21 (Jan-Feb)	W22-37 (Mar-Jul)			W38-39 (Jul)
Topic	B1: Cells and organisation	C1: Separating substances	P1: Forces	Scientific skills and enrichment	B2: Health and disease	C2: Atoms and the Periodic table	P1: Forces	Enrichment
Knowledge and Skills	Microscopes Plant and mineral cells Specialised cells Cell division Stem cells Tissues and organs Diffusion, osmosis, active transport Nervous system, reflex actions Photosynthesis Plant transport Plant and animal adaptations Competition and feeding relationships	States of matter Particle model Changes of state Heating and cooling curves Pure and impure substances Solutions Solubility Filtration and crystallisation Rock salt separation Distillation Chromatography Acid and alkali properties Indicators pH scale Neutralisation	Introduction to forces Distance/time graphs Speed Balanced forces Acceleration Velocity/time graphs Newton's second law $F = m \times a$ Gravity and weight Friction and drag Newton's third law Applications of forces		Health and diet Energy requirements Digestive system Enzyme action Respiratory system gas exchange Aerobic and anerobic respiration Impact of exercise, asthma and smoking Type and effects of drugs Pathogens and disease Defences and immunisation Developing new medicines	The atom Elements, compounds and mixtures Periodic numbers Periodic table Periodic table development Metals and non-metals Group 1 elements Group 7 elements Group 0 elements Chemical reactions Word equations Reactions of acids and alkalis	Conservation of energy and energy transfer Comparing potential energy Efficiency Cost of energy Evaluation of renewable and non-renewable energy resources Global warming Sound waves and their properties Light waves and their properties Reflection Refraction Light vs sound	

Art

Term/Weeks	Term 1	Term 2	Term 3
Topic	Insects - Formal Elements	Insects - Ceramics	Insects - Printmaking
Knowledge and Skills	Tone Mark making Colour theory Blending colours Insect study	Artist research Clay techniques Clay insects Painting practice Glazing	Introduction to Escher Tessellations Monoprinting Polyprinting - repeat pattern

Careers

Month	September	October	November	December	January	February	March	April	May	June	July
Topics	KUDOS E2E Passport Careers in healthcare Careers in hospitality and food Careers in administration	Barclays life skills Careers in animal care Careers in beauty and wellbeing	Careers in construction and trades STEAM careers Careers in computing, technology, digital Health professionals	Choosing A levels Careers in creative and media Qualifications explained	College courses Taster days at colleges and sixth forms Y10 - CVs Careers in emergency and uniform services Y7 - E2E passport Careers in engineering and maintenance Careers in the environment and on the land	Careers in government services Apprenticeships and degree apprenticeships Careers in home services	Russell group universities UCAS Employability skills Volunteering Careers in law and the legal profession Managerial careers	Manufacturing careers Careers in retail and sales	Careers in science and research Part time jobs Y11 - CVs Social care careers	Careers in sport and leisure Teaching and education careers Careers in transport Careers in travel and tourism Who am I? quiz	Careers in delivery and storage Self-awareness



Design Technology

Term/Weeks	One block per term		
Topic	D&T	Food Preparation and Nutrition	Textiles
Knowledge and Skills	Health and safety Design brief Isometric drawing Isometric design Types and categories of materials Using 2D Design Using the laser cutter Using a jig and pillar drill Introduction to cutting and shaping tools Introduction to the vertical sander and hand tools Marking out and drilling Marking out and cutting Identifying and applying the correct finish Evaluation Design movements Mood boards Fact file on a design company Biometric designs Types of paper and board Model making Market pull and technology push	Health and safety Hand washing procedures Food safety Fruit and vegetables Fruit salad practical Vegetable couscous practical Food classification Pizza toast practical Kitchen equipment Cross contamination Vegetable curry practical Carbohydrates Fruity flapjack practical Vegetables Seasonality Potato wedges practical Meat Food provenance Parmesan chicken nuggets practical Fibre Rock cakes practical Sugars Cake investigation practical All in one buns practical	Health and safety Types of equipment Mood board Design brief Sewing machines Sewing simple seams Patterns Pattern drafting Fabric cutting Block printing and embellishments Sewing edges Fabric types Sustainability 6Rs Applique Production systems Care labels

Drama

Term/Weeks	Term 1	Term 2	Term 3	Term 4-5	Term 6
Topic	Panto	Commedia dell'Arte	Shakespeare	School film	Melodrama
Knowledge and Skills	Panto script Assessment of performance Physical and vocal skill	Stock characters Coup de masque Lazzi Word play	Henry V Richard III Stage combat Contact improvisation	Devising Research Rehearsal Film contribution	Chases Stock characters and plots Comedy rule of three Entrances and exits Hotel Splendide

Geography

Term/Weeks	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Topic	Settlements		Weather		Globalisation	
Knowledge and Skills	Introduction to Geography E A R T H Vision 300 minutes – Personal Geography Project Settlement	India-Mumbai-Dharavi Sustainable settlements Freiberg/Paris Singapore Eco-homes/Eco-island	Weather and climate Climate zones Measuring weather Water cycle Rain formation Weather and us Tropical storms	Ecosystems Deserts Tropical Rainforests Deforestation and palm oil Polar regions	What do we mean by local-national-global? Map skills Our school Bolsover - Changes and Environment Should Orange block be built?	The UK Tourism Types of countries (Russia) Globalisation (The Middle East) Fast fashion Fairtrade Phones World tour
Assessments	Baseline (80% skills/20% Written skills) Evaluate		Numeracy – Climate Graphs Explanation		Map skills Evaluate Summative Assessment	



History

Term/Weeks	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Topic	300 minutes - Pirates Anglo-Saxon and Norman England	Anglo-Saxon and Norman England	Religion in Medieval England Problems of Medieval Monarchs	Challenges to the Catholic Church	Changing Ideas	Georgian Period
Knowledge and Skills	Myths and facts - Pirates. Life in Anglo - Saxon times 1066. Norman Invasion. Life in Norman England. Chronology. Cause and consequence.	Norman Invasion. Life in Norman England. Knowledge and understanding Cause and consequence	Thomas Becket. Martin Luther. Peasants' revolt. Reformation. Cause and consequence. Source based analysis.	Mary I. Spanish Armada. Gunpowder Plot. Role of Parliament. Change and continuity	Civil war and Restoration. Great Plague. Great Fire of London. Enlightenment. Cause and consequence. Source analysis.	Judgement and evaluation. Parliament under George I and II. George III. How ideas had changed from the medieval period to 1879- Bolsover castle. Change and continuity

ICT

Term/Weeks	Week 1-8	Week 9-18	Week 19-22	Week 23-28	Week 28-39
Topic	Animation	Computational thinking	Staying safe online	What are computers?	HTML
Knowledge and Skills	What is animation? How animation works Different kinds of animation Planning and producing animation	Computer control Algorithms Control systems in flow charts Selection Input, process and output	Recognising fake emails Digital footprints and their consequences	Different types of hardware and software Using hardware and software correctly Binary Network topologies	HTML CSS Creating a basic webpage

Literacy

	Year 7
Topic	Phonics
Topic	Inference
Topic	Spelling
Topic	Lexia program
Knowledge and Skills	Pupils work through topics according to their requirements. They have access to the Lexia literacy program which supports individual skills and tailor's lessons and exercises to each pupil's specific needs.



Modern Foreign Language

Term/Weeks	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Topic	Basics		Family		School	
Knowledge and Skills	Greetings Asking for and giving name Alphabet sounds First, second, third person of particular verbs Pronunciation rules Age Birthday The date Days of the week Classroom instructions	Ask and answer questions using natural expressions Nouns and opinions School equipment Questions and answers about school equipment Simple negatives	Brothers and sisters Information about your own/others' families Physical appearance	Adjectives related to personality and character Describing your own and others' personality Give opinions on family members, with reasons Pets Describing pets Giving opinions on pets	School subjects Timetable	School day - events and locations Opinions on school subjects School uniform

Music

Term/Weeks	Term 1	Term 2	Term 3
Topic	The universal language of music	Music in the media	The western classical orchestra
Knowledge and Skills	<p>Understanding specific musical terms</p> <p>Texture and timbre</p> <p>Chords and chord progression</p> <p>Musical analysis</p> <p>Graphic score</p> <p>Genres and time periods of music</p> <p>Artist research</p> <p>Keyboard task</p>	<p>Pitch, treble and bass clef</p> <p>The role of music in cartoons</p> <p>The meaning of rhythm</p> <p>Composing for a cartoon</p> <p>Leitmotif for a cartoon character</p>	<p>Orchestral instruments and their families</p> <p>Musical timeline</p> <p>Composers</p> <p><i>Star Wars</i> main theme</p> <p><i>Danse Macabre</i></p> <p>Composition</p>



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 Self management Innovation	Innovation Self-motivation Motivating and influencing others	Responsibility Integrity Collaboration	Collaboration Evaluation Communication	Evaluation Communication	Resilience Empathy
Knowledge and Skills	Trampolining Smash-up Badminton Boxercise Dodgeball Circuits Benchball	Benchball Dodgeball Sportshall athletics Circuits/HIIT	Benchball Dodgeball Rugby Handball Football	Handball Football Netball Athletics	Athletics Rounders	Rounders Tennis Cricket Stoolball

Personal Development

Month	September	October	November	December	January
Topics	Setting standards 50th anniversary of the moon landing Sexual health week - consent Careers support	Anti-stigma awareness Dyslexia and dyspraxia awareness day Core values catch up week E2E passport week Radicalisation awareness	Anti-bullying week Drugs and alcohol awareness Core values catch up week E2E passport week International men's day Young carers day	100 year anniversary of the first female MP Bolsover election 2019 Core value catch up week E2E passport week 175th anniversary of co-op Christmas and Hanukkah	125th anniversary of the National Trust Education day Core value catch up week E2E passport week Franco-German day Inter-faith harmony week
February	March	April	May	June	July
Core value catch up week E2E passport week Safe internet week Democracy	World wildlife day World maths day - credit cards National careers week World poetry day Core value catch up week E2E passport week	90th anniversary of the BBC World immunisation week	75th anniversary of VE day Local community history Core value catch up week E2E passport week HIV/AIDS awareness day - safe sex	Core value catch up week E2E passport week World oceans day World blood donor day Altruism International day of parliamentarians	Euro 2020 Healthy lifestyles 90th anniversary of Sir Arthur Conan Doyle's death World youth skills day Core value catch up week E2E passport week

RE

Term/Weeks	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Topic	300 Minutes - Tour of Asia	Intro to Christianity - Jesus	Right and Wrong	Introduction to Islam	Spirited Arts	Festivals
Knowledge and Skills	Yoga Mandalas Meditation Tibetan prayer flags Food and cultural influences What is RE? 6 world religions	The Bible Jesus' life Jesus' death	Meaning of life Family Moral vs natural Consent	Being a muslim today The life of Muhammad The Qur'an Mosques 5 pillars of Islam Food laws	Spirited arts Festivals project	Festivals project and presentation

