

Year 7/8 2026-2027	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Year 9 2026-2027	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Mathematics	Number: Place value Properties of number Operations and BIDMAS Fractions Positive and negative numbers Arithmetic procedures including fractions	Number: Bar Modelling Problem solving Money Decimals Percentages Estimation Rounding Geometry and Measures Time	Number: Arithmetic procedures including fractions Geometry and Measures: Units of measure 2D/3D shapes Introduction to perimeter Area & volume	Algebra: Sequences Expressions and equations Expanding and factorising Linear equations Geometry and Measures: Angles in polygons	Ratio and proportion Understanding multiplicative relationships: fractions and ratio Statistics and data: Plotting coordinates Statistics and data: Graphs and charts: Pictograms/tally charts, Line graphs, Bar charts, Pie charts, Stem and leaf diagrams, Venn Diagrams	Geometry and Measures: Perimeter and area Transformations Statistics and data: Reading and interpreting data Averages	Maths	Number Place value 4 operations, BIDMAS Fractions, decimals and percentages Time Indices and standard form Problem solving Calculator skills	Probability Frequency tables Frequency trees Probability of single and combined events Statistics Graphs and charts Reading, understanding and presenting data	Algebra Expressions and formulae Lines and graphs Plotting graphs in 4 quadrants Linear and Non-linear sequences	Geometry and measures Pythagoras' Theorem Similarity and congruence Problem solving Calculator skills	Geometry and Measures Interior and exterior angles Transformations of 2D shapes Ratio and proportion Problem solving Calculator skills	Geometry and measures Local constructions Bearings and compasses Map reading
English	Ignite 2 It's a Mystery Assessment focus: Writing How different texts can be structured to achieve different purposes. Reading & activities: Private Peaceful	Ignite 2 Words of war Assessment focus: Reading How text reflect the social and historical contexts Language techniques to create atmosphere. Reading & activities: Private Peaceful	Ignite 2 Technology Matters Assessment focus: Speaking and listening Presenting. Constructing a balanced argument. Reading & activities: Wonder	Ignite 2 Campaign for a Cause Assessment focus: Writing Writing techniques to engage the reader. Reading & activities: Wonder Shakespeare - Romeo & Juliet	Ignite 2 Appearance and Reality Assessment focus: Reading Writing techniques to engage the reader. Reading & activities: Shakespeare - Romeo & Juliet	Ignite 2 Power of Communication Assessment focus: Speaking and listening Debating. Language to influence. Reading activities: Shakespeare - Romeo & Juliet	English	Ignite 3 Relationships Writing Figurative language Structure for purpose Reading & activities- Hamlet	Ignite 3 Dare to Scare Reading Conventions of horror writing Analysing text for the effect of language Reading & activities- Hamlet	Ignite 3 Young Entrepreneurs Speaking and listening - Presenting Conventions of marketing and presenting texts Drafting Reading & activities- You're Awesome	Ignite 3 My Life My Choices Writing Persuasive texts Using emotive language Reading & activities- You're Awesome	Ignite 3 Exploring Difference Reading Characterisation in text Making inferences Analysing texts Reading & activities- Of Mice and Men	Ignite 3 From Talking Drums to Tweets Speaking and Listening - Presenting History of language development Instructional texts Types of communication Reading & activities- Of Mice and Men
Science	Food and Nutrition Digestion and Transportation Plants and their reproduction	Breathing and anaerobic and aerobic respiration Finding a pulse Unicellular organisms Parts of a bacterial cell Carbon cycle	Combustion, burning and reactions Fire safety Pollution and global warming The periodic table- atoms, elements and chemical substances	Materials in the Earth Metals and their uses Properties & reactions of metals Igneous and metamorphic rocks Weathering & erosion	Properties of solids, liquids and gases Fluids- floating and sinking, pressure and drag Light The travel of light, reflection and refraction Coloured light	Energy transfer and control Earth and space Solar system and seasons Magnetic Earth and Gravity	Year 9	Biology Plants, ecosystems	Chemistry Group 1, Group 7, Group 0, heat energy changes in chemical reactions, rates of reaction	Physics Electrical circuits, magnets, electricity in the home	Biology Hormones, regulation, circulation	Chemistry Fuels, Earth's atmosphere	Physics Work and energy, particles, stretching
PSHE & RSE - Personal, Social, Health and Economic Education & Relationships and Sex Education	Independence and aspirations Developing risk management skills, analytical skills and strategies to identify bias: Managing online presence Digital and media literacy	Autonomy and advocacy Developing respect for beliefs, values and opinions and stereotypes, prejudice and discrimination Promoting diversity and equality	Choices and influences Developing agency and strategies to manage influence and access support. Drugs and alcohol Introduction to contraception Resisting peer influence Online choices and influence	Independence and aspirations Developing goal setting, motivation and self awareness: Aspiration for the future Career choices Identity and the world of work	Autonomy and advocacy Developing communication and negotiation skills, clarifying values and strategies to manage influence: Healthy relationships Boundaries and consent LGBT + inclusivity Managing conflict	Choices and influences Developing agency and strategies to manage influence and access support: Maintaining positive mental health Importance of physical activity	PSHE & RSE - Personal, Social, Health and Economic Education & Relationships and Sex Education	Independence and aspirations Developing goal-setting, analytical skills Decision making: GCSE options Sources of careers advice Employability	Autonomy and advocacy Developing self-confidence, risk management and strategies to manage influence: Friendship challenges Gangs and violent crime Drugs and alcohol Assertive communication	Choices and influences Developing empathy, compassion and strategies to access support: Mental health (including self-harm and eating disorders) Change, loss and bereavement Healthy coping strategies	Independence and aspirations Developing analytical skills and strategies to identify bias and manage influence: Financial decisions Saving and borrowing Gambling, financial choices and debt	Autonomy and advocacy Developing assertive communication, clarifying values and strategies to manage influence: Healthy/unhealthy relationships Consent Relationships and sex in the media	Choices and Influence Developing decision making, risk management and support-seeking skills: Sexually transmitted infections (STIs) Contraception Cancer awareness First aid
Careers Education Information Advice & Guidance (CEIAG)	Steps Booklet 2 Personal beliefs and values. Are school and work so different? What do you want from work? Job families Ways employers recruit. Who does the job? Equality and stereotypes		Steps Booklet 2 Job families, using careers library /Online resources. Who does the job? How do you make decisions? The qualifications landscape Writing an action plan		Steps Booklet 2 Budgeting Review learning.		Careers Education Information Advice & Guidance (CEIAG)	Steps Booklet 3 Plan your decision year. Personal qualities. Personal qualities and job skills Qualifications The job application process.		Steps Booklet 3 Being enterprising and thinking creativity. Working today, Using reliable information. Choosing options and fake news		Steps booklet 3 Review of learning Explore any uncertainties regarding qualifications, planning for education, employment or training. Revisit themes identified by pupils where further clarification is needed.	
Physical Education	Practical: Badminton (Hook - Football / Trampolining) Baseline Test: Coopers Run (Cardiovascular Endurance) Theoretical Content: Drugs in Sport	Practical: Basketball (Hook - Dodgeball / Trampolining) Baseline Test: Alternative Hand Wall Toss Test (Coordination) Theoretical Content: Movement Analysis	Practical: Table Tennis (Hook - Football / Trampolining) Baseline Test: Illinois Agility Test (Agility) Theoretical Content: Biomechanics	Practical: Handball (Hook - Dodgeball / Football) Baseline Test: Multistage Fitness Test (Muscular Endurance) Theoretical Content: Health, Fitness & Wellbeing	Practical: Athletics & Field Events (Hook - Rounders / Football) Baseline Test: Sargent Jump Test (Power) Theoretical Content: Injury Prevention	Practical: Cricket (Hook - Rounders / Football) Baseline Test: Sargent Jump Test (Power) Theoretical Content: Injury Prevention	Physical Education	Practical: Badminton (Hook - Football / Trampolining) Baseline Test: Coopers Run (Cardiovascular Endurance) Theoretical Content: Commercialisation & Ethical issues	Practical: Basketball (Hook - Dodgeball / Trampolining) Baseline Test: Alternative Hand Wall Toss Test (Coordination) Theoretical Content: Biomechanics	Practical: Tabletennis (Hook - Football / Trampolining) Baseline Test: Illinois Agility Test (Agility) Theoretical Content: Movement Analysis	Practical: Handball (Hook - Dodgeball / Football) Baseline Test: Multistage Fitness Test (Muscular Endurance) Theoretical Content: Diet & Nutrition	Practical: Athletics & Field Events (Hook - Rounders / Football) Baseline Test: Sargent Jump Test (Power) Theoretical Content: Principles of Training	Practical: Cricket (Hook - Rounders / Football) Baseline Test: Sargent Jump Test (Power) Theoretical Content: Goal - Setting
Art & Design	Close up Animals, bugs and cells Use a view finder to produce a close up image of an object or animal. Shading Texture Study of work from relevant artists Visit zoo or wildlife park	The Natural World Flowers and Landscapes Pattern, shading and design Proportion, space and perspective Form Add texture Use IT to carry out research Annotate work Study the work of relevant artists Visit relevant galleries or museums (Incl online)	The Natural World Fossils and shells Pattern- repeating, tessellation, rotation Shading and tone Texture Space Reflection Observational drawing and printing Research and annotation Study the work of relevant artists Visit relevant galleries or museums (Incl online)	Portraits (Link to maths) Proportion, and division Grades of pencils Shading and tone Blending for skin tone Study the work of relevant artists Visit relevant galleries or museums (Incl online)	Cubism (Link with ICT and Maths) Geometric shapes The principles of cubism Colour Pattern Research using IT Annotate work Study the work of relevant artists Visit relevant galleries or museums (Incl online)	Abstract Characteristics of abstract design Colour, shape, line and texture Layering Use personal creativity Research using IT and annotate work Study the work of relevant artists Visit relevant galleries or museums (Incl online)	Art & Design	Cultural Identity e.g. Tingatinga art Day of the Dead and Aboriginal Art Drawing, painting, mixed media Create a mind map or mood board (AO1) Begin to integrate annotations into the creative process Study the work of relevant artists Visit relevant galleries or museums (Incl online)	Cultural Identity e.g. Urban Identity, Tingatinga, Day of the Dead, Aboriginal Art Integrate annotations into the creative process (AO3) Refine work produced (AO2) Mixed media Drawing Painting Print making Study the work of relevant artists Visit relevant galleries or museums (Incl online)	Cityscapes Drawing Line Form Planning Produce a title page, mindmap, mood board (AO1) Mixed media Proportion and perspective Study the work of relevant artists Visit relevant galleries or museums (Incl online)	Cityscapes 3D modelling using cardboard and various attachment techniques Mark making Produce a research page (AO1) Refining creative ideas as work progresses (AO3) Study the work of relevant artists Visit relevant galleries or museums (Incl online)	Pop Art Understand of examination objectives Understand and producing an research page about an artist (AO1) Collect images and annotate Mixed media Imagery Study the work of relevant artists Visit relevant galleries or museums (Incl online)	Pop Art Understand of examination objectives Plan and produce a final piece Completion of final piece. Study the work of relevant artists Visit relevant galleries or museums (Incl online)

Geography		Urbanisation Industrial Revolution Urbanisation across the world Regeneration - A look at Manchester Slums Sustainability		China History Communism Population distribution Rural China Pollution Trade	Climate Change Factors that influence climate and the impacts on humans Temperature and emissions Impact of human activity Global warming Actions to tackle climate change	Geography		Earning a living Change Employment and employment sectors Rise and decline Globalisation Regeneration Case study - Doncaster		The Middle East Physical and human geography of the Middle East Conflict Challenges in the Arabian Peninsula	International Development What is development? Inequality Migration Globalisation Case study -Malawi		
Religious Education		Islam Islam around the world Key Beliefs Muhammad The Qur'an Symbols Worship Festivals		Buddhism Buddhism around the world Key Beliefs The Buddha Buddhist scripture Practicing Buddhism Symbols Festivals	Ethics Ethics and religion Morality Law The Sanctity of Life Ethics in relation to the environment, animals, drugs and medicine Exploring attitudes The relevance of religion in the modern world	Religious Education		Sikhism Sikhism around the world Key beliefs The Guru's the Guru Granth Sahib Worship Key people in Sikh community Significant places Celebrations		Hinduism Hinduism around the world Key Beliefs- karma and rebirth Hindu Scriptures Worship & Festivals Significant places for Hindu's Symbolism	Philosophy Arguments for and against the existence of God Evil and suffering Immortality Miracles Revelations		
History	The Industrial Revolution 1770-1842 Manufacture of products The impact of machines Factories, population and the creation of towns Power Child Labour, Working conditions and reform Iron & Coal		The Slave Trade India; a British Empire 1563-1833 The role Britain played in the slave trade Conditions on 'slave ships' Ways in which slaves were sold Life on a plantation Factors that contributed to the abolition of the slave trade		Tudor to Victorian Britain : what changed? How and why people fought for improved rights Voting and women: their rights and lives in the 18th and 19th century, sexism Life in a Victorian school, why and how did schools change Pain, infection and cleanliness, the issues and developments Leisure time, why did it increase and what did people do? Victorian high streets The 'Great hunger' Changes in population, politics and science	History	The First World War Causes Joining up-Reasons and Propaganda Experiences of war War and medical progress Soldiers of the Empire Remembrance The end of war and ways countries tried to avoid further conflict.		The Second World War Sequencing events Operations and evacuations The home front War, health and medicine Winston Churchill The Final Solution' - Persecution The United Nations The Post-war World The Welfare State The NHS		From Empire to Commonwealth The role of the first and second World Wars in Empire Colonisation and Independence Immigration The Windrush Generation Multicultural Britain Into the Modern World What has changed? Key changes, developments, inventions and ideas in Britain through the 50's - 2010's Terrorism		
Forest School	Introduction to Outdoor Learning- Exploring the woods Art-Using nature to create-tool safety Construction - Knot tying to make a swing/frame Building a shelter, teamwork Survival - Tracking using a map, orienteering PSHE/Wellbeing-forest mindfulness, yoga, cloud gazing, forest bathing.	Survival Science - Exploring Fire, fire safety, building a fire, putting out a fire Food - bread, hot chocolate Conservation -litter pick, making a bird feeder Using tools and crafting - create festive decorations, tool safety Festive baking on the fire	Survival Science- Fire safety, build, start and put out a fire Make popcorn Construction-knot tying to make a bridge, team work Survival-Knife skills- whittle a toasting fork. Toast marshmallows Construction/PE-Make and use natural obstacle course. Team building and competition Woodwork- use a saw safely to saw a disc from a log Art-create a piece of nail art. Use a hammer safely	Survival-Tracking and orienteering using a map Conservation - Litter pick, make a plant pot out of discarded items, decorate and plant Construction-Team work, make a tower as tall as possible using natural resources Exploration- explore the woodland in Spring. Safety, tree climbing Conservation/biology- prepare soil and sow seeds. Explore flower meadows and learn about their benefits Survival/RE -cooling. Build, start and put out a fire. Fire safety. Make Easter smores	Survival- Forage for wild garlic Make pesto. Work together to erect a tent. Competition Art - use natural resources to create a Mandala Construction/Survival- Tool safety, whittle a simple spoon Science/construction - gather natural resources to make a mini wrap. Raft race-competition PE/Construction-use natural elements to create a circuit to work identified muscle groups Conservation/ Cooking/PSHE - Forage for ingredients, make a summer drink and enjoy with others over a summer picnic Art -Tool safety, use nature to create a hapa zone Survival - Learn about common threats and learn to administer basic first aid Science/construction/Survival- gather natural resources and construct water filters. Test for efficacy PSHE/Wellbeing - Forest mindfulness End of year picnic with exploration and team building games	Forest School	Introduction to Outdoor Learning- Exploring the woods Art-Using nature to create-tool safety Construction - Knot tying to make a swing/frame Building a shelter, teamwork Survival - Tracking using a map, orienteering PSHE/Wellbeing-Forest mindfulness, yoga, cloud gazing, forest bathing	Survival Science - Exploring Fire, fire safety, building a fire, putting out a fire Food - bread, hot chocolate Conservation -litter pick, making a bird feeder Using tools and crafting - create festive decorations, tool safety Festive baking on the fire	Survival Science- Fire safety, build, start and put out a fire Make popcorn Construction-knot tying to make a bridge, team work Survival-Knife skills- whittle a toasting fork. Toast marshmallows Construction/PE-Make and use natural obstacle course. Team building and competition Woodwork- use a saw safely to saw a disc from a log Art-create a piece of nail art. Use a hammer safely	Survival-Tracking and orienteering using a map Conservation - Litter pick, make a plant pot out of discarded items, decorate and plant Construction-Team work, make a tower as tall as possible using natural resources Exploration- explore the woodland in Spring. Safety, tree climbing Conservation/biology- prepare soil and sow seeds. Explore flower meadows and learn about their benefits Survival/RE -cooling. Build, start and put out a fire. Fire safety. Make Easter smores	Survival- Forage for wild garlic Make pesto. Work together to erect a tent. Competition Art - use natural resources to create a Mandala Construction/Survival- Tool safety, whittle a simple spoon Science/construction - gather natural resources to make a mini wrap. Raft race-competition PE/Construction-use natural elements to create a circuit to work identified muscle groups Conservation/ Cooking/PSHE - Forage for ingredients, make a summer drink and enjoy with others over a summer picnic Art -Tool safety, use nature to create a hapa zone Survival - Learn about common threats and learn to administer basic first aid Science/construction/Survival- gather natural resources and construct water filters. Test for efficacy PSHE/Wellbeing - Forest mindfulness End of year picnic with exploration and team building games		
ICT	Networks Interacting with ICT for a given purpose What is a network? Topologies Networking hardware and Software Wired and wireless networks Identifying if a network is working correctly Internet, internet services and the world wide web Threats to data Using touch type programme	E-Safety: digital citizenship ICT based communications Fake news and how to identify it, biased writing, echo chambers and filter bubbles Cyberbullying Dark web Purpose of emotional manipulation Divisions in society Hate speech Keeping safe when using sites Positive use of the internet Metaverse - a question Using touch type programme	Spreadsheets Identifying columns, rows, cells, and cell references in spreadsheet software Utilising a range of formatting techniques Using cell reference Using autofill Creating charts Labelling charts Using cell data and references Analysing data Using sort and search filter Using AVE, OR & IF Conditional formatting	Desktop Publishing Words and pictures Can you edit it? Templates Becoming a designer Lay it out Why desktop publishing? Using AI	Computing Systems Differences between general purpose computing system and purpose built device Functions of hardware components Computing systems with similar architecture Analyse hardware components Define operating system Describe Not, And and OR Logic gates and truth tables Machine learning vs artificial intelligence Moral dilemmas and AI Steps for training machines	Databases & related terminology Creating & using databases Creating queries to find specific data Selecting, sorting & filtering data for a specific task Logical reasoning Relational databases	ICT - Incorporating Functional Skills	Computing Systems Programs Software vs Hardware Hardware components Internal components storage devices and units RAM vs ROM	Data Science Global and local data sets Logic Overview of AI and ML Interrogating, interpreting and visualising data following the investigative cycle PDAC Cycle(problem, plan, data, analyse, conclusion)	Binary, Hex and Bitmap Binary digits Representations Different representations for different tasks Convert a decimal number to binary and vice versa Pixels, resolution and colour depth Colour Digital image and resolutions (pixels)	Introduction to Coding Sequencing & Algorithms Loops & Repetition Conditionals (If/Else Statements) Variables & Data Project Development Project Showcase & Reflection	Design Vector Graphics Manipulating geometric shapes, union difference & intersection to combine simple shapes into more complex ones Creating monochrome icons From Scratch Creating short open-ended images Technical aspects of vector graphics	Introduction to Cyber Security Profiling Data Protection Act Computer Misuse Act Hacking Malware Protection methods such as firewalls, anti-malware, and password authentication