

# Year 7 Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Mathematics</b>	Number: Place value Properties of number Operations and BIDMAS	Number: Problem solving Money <b>Geometry and Measures</b> Time	Number: Arithmetic procedures including fractions Bar Modelling <b>Geometry and Measures:</b> Units of measure	Number: Fractions Positive and negative numbers Arithmetic procedures including fractions	<b>Ratio and proportion</b> Understanding multiplicative relationships: Fractions and ratio <b>Statistics and data:</b> Plotting coordinates	<b>Geometry and Measures:</b> Perimeter and area Transformations
<b>English</b>	Punctuation and grammar Sentence structure Using conjunctions Language and structure Spelling Adjectives and Verbs Rootwords, prefixes and suffixes writing legibly Handwriting practices		Ignite 1 <b>The Identity Kit</b> Narrative viewpoint, patterns of language and how these affect the meaning of text Making inference and identifying evidence for opinion and thought  Reading & activities - The World's Worst Children	Ignite 1 <b>Your Language</b> Assessment focus: Speaking & Listening Language usage and its relationship to social, cultural and geographical context Language structures and how they can be used for effect  Reading & Activities - The World's Worst Children	Ignite 1 <b>Out of This World</b> Assessment focus: Writing The use of language to create atmosphere, tension, and character Analysing how writes use of language to create impact  Reading & activities - Goldfish Boy	Ignite 1 <b>In Search of Adventure</b> assessment focus: Reading Conventions of an adventure based text Comparative analysis of text Identifying purpose, audience & context of a text  Reading & activities - Goldfish boy
<b>Science</b>	<b>The human body</b> The structure and functions of body systems. Cells, tissues organs and systems Muscles and bones	<b>Partides and Properties of Materials</b> Solids, liquids and gases, diffusion and air pressure Atoms, elements and molecules	<b>Floating and sinking</b> Density and Forces Friction and pressure Sound, making and moving sounds	<b>Current Electricity</b> Chemical reactions and energy Renewable energy - the advantages and disadvantages	<b>Sexual Reproduction</b> in animals Interdependence Ecosystems Endangered animals	<b>Forces</b> Structure of the earth natural disasters
<b>Personal Social Health &amp; Economic Education (PSHE)</b>	<b>Key Theme: Choices and influences</b> Developing agency, strategies to manage <b>influence and decision making:</b> Regulating emotions diet and exercise Hygiene and dental health Sleep	<b>Key Theme: Developing empathy, compassion and communication:</b> Making and maintaining friendships Identifying and challenging bullying Communicating online	<b>Key Theme: Independence and Aspirations</b> Developing goal setting, <b>organisation skills and self awareness:</b> Personal Identity and values Learning skills and teamwork Respect in school	<b>Key theme: Autonomy and advocacy:</b> Developing assertive communication, risk management and support-seeking skills: Rights in the community Relationship boundaries Unwanted contact FGM and forced marriage	<b>Key Theme: Choices and influences</b> Developing agency and <b>decision making skills:</b> Drugs, alcohol and tobacco Safety and first aid	<b>Key Theme: Independence and Aspirations:</b> Developing self-confidence and self-worth Puberty and managing change Body satisfaction and self-concept
<b>Careers Education Information Advice &amp; Guidance (CEIAG)</b>	Steps Booklet 1 Reflecting on achievements People who are able to help you What influences you? What are you like?		Steps Booklet 1 What is work? Successful careers		Steps Booklet 1 Using 'Careers Library'/Online resources What is LMI? (Labour Market Information) What is STEM? (Science, technology, engineering and mathematics) Review of learning	
<b>Physical Education</b>	<b>Practical:</b> Badminton (Hook - Football /Trampolining) <b>Baseline Test:</b> Coopers Run (Cardiovascular Endurance) <b>Theoretical Content:</b> Socio-cultural influences	<b>Practical:</b> Basketball (Hook-Dodgeball/Trampolining) <b>Baseline Test:</b> Alternative Hand Wall Toss Test (Coordination) <b>Theoretical Content:</b> Musculoskeletal System	<b>Practical:</b> Table Tennis (Hook-Football/Trampolining) <b>Baseline Test:</b> Illinois Agility Test (Agility) <b>Theoretical Content:</b> Cardiorespiratory System	<b>Practical:</b> Handball (Hook-Dodgeball/Football) <b>Baseline Test:</b> Multistage Fitness Test (Muscular Endurance) <b>Theoretical Content:</b> Effects of Exercise on Body Systems	<b>Practical:</b> Athletics & Field Events (Hook-Dodgeball/Football) <b>Baseline Test:</b> Sit & Reach Test (Flexibility) <b>Theoretical Content:</b> Components of Fitness	<b>Practical:</b> Cricket (Hook-Rounders/Football) <b>Baseline Test:</b> Sargent Jump Test (Power) <b>Theoretical Content:</b> Principles of Training
<b>Art &amp; Design</b>	<b>Skills Workshop</b> <b>7 elements of art:</b> Colour, Form, Line, Shape, Space, Texture, Value <b>Colour</b> Primary, Secondary and tertiary colours Mixing and blending Study work of relevant artists	<b>Skills Workshop</b> <b>Colour</b> Colour wheel-complementary and harmonious colours Blending Using different mediums, e.g pencils, coloured pencils, oil and chalk pastels Study work of relevant artists	<b>Skills Workshop</b> <b>Shape and Form</b> 3D shapes Construction of 3D shapes, model making using paper and tape Mixing colours Study work of relevant artists	<b>Skills Workshop</b> <b>Texture</b> Adding texture to a piece of art work Mixed media Warm and earthy colours Study work of relevant artists	<b>Skills Workshop</b> <b>Line</b> Use line techniques to produce a piece of art work Hatching, cross hatching, scumbling, Scribbling and printing Study work of relevant artists	<b>Skills workshop</b> <b>Value &amp; Space</b> Printing techniques Shading Study work of relevant artists
<b>3D Design</b>	Baseline Assessment  Health & Safety in the work place Recognising hand & machine tools and their uses Understand safety tests Learn about cultural design and manufactured boards  Practical project Make a bullroarer	Explore the properties of materials Material testing and evaluation Understand the difference between softwood and hardwood and their uses Learn to mark out, follow instructions, to assemble and finish  Practical project Make a sledge	Know how historical design periods have influenced how we live today, e.g. Pre industrial revolution, The Industrial Revolution, Arts and Craft Movement, Art Nouveau Know how designing should take account of adverse circumstances incl. natural disasters, and climate change  Practical project Egg drop challenge Castles/Garages/Amina Shelter	Learn how components work together to make structures Understand how motion can be used in design Assemble simple electrical components Use circuits in designs  Practical project Morse Code Machine	Learn how to stiffen, fold and bend materials, particularly for modelling Construct 3D objects using a net Learn how different cultures incorporate sustainability into their living environments  Practical project Design and make a 3D sustainable living model from suitable materials	Aviation, kites and boomerangs Learn how early attempts at flying shape the way we travel today, incl space travel Learn about aerodynamic and hydrodynamics Learn how kites have been used over time Use tools to cut and shape to enable flight Understand the influence of culture on the design of boomerang  Practical project Design, make and fly a kite Design, make and fly a boomerang safely and effectively
<b>Geography</b>	<b>Geography ... and you*</b> The 3 strands of Geography Change, impact and inequality Using resources to study Geography  <b>About the UK</b> The UK and British Isles Physical and human features UK's links to the rest of the world		<b>Africa*</b> Continents Africa's countries Human and Physical features of Africa Map study <b>Kenya</b> Human and Physical features Trade and tourism The Commonwealth			<b>Glaciers</b> Landforms Physical features Global Warming  <b>Mental maps</b> (taught in context as part of trips out) OS maps Globes Satellites Reading and interpreting maps
<b>Religious Education</b>	<b>Comparative religion</b> The major faiths across the world Development of religion Common features of the major faiths; beliefs, principles, practices, symbolism, festivals and rituals  Key religious texts, scriptures and figures Impact of religion on our lives		<b>Christianity</b> How Christianity has shaped our society The Bible, the Trinity Symbols of Christianity Christian attitudes and ethics The life, death and resurrection of Jesus Parables, teachings and miracles  Christian places of worship, the expression of faith		<b>Judaism</b> Jewish identity and practice The promised land Worship Symbols and symbolism Celebrations, festivals and their origin Morality and ethics	
<b>History</b>		<b>Chronology</b> 1066 and all that The Anglo Saxon England – The Story of settlers Identifying and evaluating contributions of different groups to Britain The importance of events in Britain 1066 Living conditions in Medieval England Who ruled England?		<b>Health and Medicine</b> How important was personal hygiene and cleanliness in Middle Ages? Black Death what did it lead to? How were illnesses diagnosed? What is a theory? What is the theory of Black Death? How healthy were the Kings? Rule during a plague? Using sources to help understanding.	<b>Here come the Tudors</b> Life in the Tudors How Tudors came to power The War of The Roses Monarchy during Tudors Power and how this was sought and gained Religious shift Mysterious stories from the period	
<b>Outdoor Learning</b>	<b>Introduction to Outdoor Learning:</b> Exploring the woods <b>Art:</b> Using nature to create-tool safety <b>Construction</b> - Knot tying to make a swing/frame Building a shelter, teamwork <b>Survival</b> - Tracking using a map, orienteering <b>PHSE/Wellbeing:</b> Forest mindfulness, yoga, cloud gazing, forest bathing.	<b>Survival Science:</b> Exploring Fire, fire safety, building a fire, putting out a fire. Make popcorn <b>Food</b> - bread, hot chocolate <b>Conservation</b> -litter pick, making a bird feeder <b>Using tools and crafting</b> - create festive decorations, tool safety Festive baking on the fire	<b>Survival Science:</b> Fire safety, build, start and put out a fire Make popcorn <b>Construction</b> -knot tying to make a bridge, team work <b>Survival-Knife skills</b> - whittle a toasting fork. Toast marshmallows <b>Construction/PE</b> -Make and use natural obstacle course. Team building and competition <b>Woodwork</b> - use a saw safely to saw a disc from a log <b>Art</b> -create a piece of nail art. Use a hammer safely	<b>Survival</b> -Tracking and orienteering using a map <b>Conservation</b> - Litter pick ,make a plant pot out of discarded items, decorate and plant <b>Construction</b> -Team work, make a tower as tall as possible using natural resources <b>Exploration</b> - explore the woodland in Spring. Safety, tree climbing <b>Conservation/Biology</b> -prepare soil and sow seeds. Explore flower meadows and learn about their benefits <b>Survival/PE</b> -cooking, Build, start and put out a fire. Fire safety. Make Easter smores	<b>Survival:</b> Forage for wild garlic Make pesto. Work together to erect a tent. <b>Competition</b> <b>Art</b> - use natural resources to create a Mandala <b>Construction/Survival:</b> Tool safety, whittle a simple spoon <b>Science/construction</b> - gather natural resources to make a mini wrap. Raft race-competition <b>PE/Construction</b> -use natural elements to create a circuit to work identified muscle groups	<b>Conservation/ Cooking/PHSE</b> - Forage for ingredients, make a summer drink and enjoy with others over a summer picnic <b>Art</b> -Tool safety, use nature to create a hapa zome <b>Survival</b> - Learn about common threats and learn to administer basic first aid <b>Science/construction/Survival</b> - gather natural resources and construct water filters. Test for efficiency <b>PHSE/Wellbeing</b> - Forest mindfulness End of year picnic with exploration and team building games