

	Autumn		Spring		Summer	
Subject	1 <sup>st</sup> Half Term	2 <sup>nd</sup> Half Term	1 <sup>st</sup> Half Term	2 <sup>nd</sup> Half Term	1 <sup>st</sup> Half Term	2 <sup>nd</sup> Half Term
English	Gothic Genre What are the conventions of the gothic genre and how can I identify this in texts?	Play of Dracula How is tension and drama built throughout the play?	Boy in the Striped PJs Why is it significant that the reader is encouraged to feel aligned with Bruno without the story being told from his perspective?	Boy in the Striped PJs What do we learn about ourselves through stories?	Poetry and texts from modern history How is a text influenced by the social and historical context?	Shakespeare- The Tempest How has culture developed over time?
Reading	NGRT Reading a Century Can you challenge yourself to read 100 pages? How many times can you do this before October half term?	Challenging Authors Which author are you going to challenge yourself with this half term?	Book Project Can you produce an outstanding book project and present to your class before February half term?	Non-Fiction Challenge Which exciting non-fiction texts will you devour this half term?	Classics Challenge Can you tell your teacher about a classic book you have read this half term and if you think it deserves that status?	Class Challenge Can your class rise to the challenge? Look in the library to see how the competition are doing!
Maths	Ratio and scale; Multiplicative change; Multiplying and dividing fractions	Working in the Cartesian plane; Representing data; Tables and probability	Brackets, equations and inequalities; Sequences; Indices	Fractions and percentages; Standard index form; Number sense	Angles in parallel lines and polygons; Area of trapezia and circles; Line symmetry and reflection	The data handling cycle; Measures of location

<p>Science</p>	<p>Forces: Contact forces and pressure What effect do forces have on objects? How are friction and drag produced and what effect do they have on objects? How are forces involved in pressure, floating and sinking?</p> <p>Matter: Periodic table and elements How are elements organised in the periodic table? What is the difference between elements and compounds? How can simple models be used to represent the building blocks of all materials?</p>	<p>Organisms: Breathing and digestion What is the structure and importance of the breathing system? What is a healthy diet and why is it important? What is the role of the digestive system?</p> <p>Electromagnets: Magnetism and electromagnetism How can a magnetic field be represented? What effect do magnets have on magnetic materials? What is an electromagnet and where are they used in everyday life?</p>	<p>Reactions: Chemical energy and types of reaction What are exothermic and endothermic reactions? What are catalysts? How can combustion change the atmosphere?</p> <p>Ecosystems: Respiration and photosynthesis What are the reactants and products for aerobic respiration, anaerobic respiration and photosynthesis?</p>	<p>Ecosystems: Respiration and photosynthesis What are the reactants and products for aerobic respiration, anaerobic respiration and photosynthesis?</p> <p>Energy: Work and heating and cooling How is work done on an object and what happens as a result? How can machines be used to make work easier? What does the thermal energy of an object depend upon?</p>	<p>Energy: Work and heating and cooling How is work done on an object and what happens as a result? How can machines be used to make work easier? What does the thermal energy of an object depend upon?</p> <p>Earth: Climate and Earth resources How and why does nature constantly recycle materials such as carbon? How has Earth's atmosphere changed over time? How are we currently using the Earth's resources and how can we make meaningful changes to this?</p>	<p>Genes: Evolution and inheritance What is the theory of evolution? What is biodiversity and why is it important for maintaining populations? How can DNA determine our features?</p> <p>Waves: Wave effects and wave properties How can waves have an effect on living cells? How can models be used to represent waves?</p>
<p>Computer Science</p>	<p>Computer Hardware What are the key internal components of a computer system and what are their main functions?</p>	<p>Intermediate Python Programming How do you output strings, numbers, use variables and make decisions using</p>	<p>Data Representation: Hexadecimal Number System What is hexadecimal? Why is hexadecimal useful? How do you convert from denary</p>	<p>Database Development What is a database and why do organisations use them? What are the steps in the</p>	<p>Programming with HTML and CSS What makes a good web design and how can HTML and CSS be used to develop web pages?</p>	<p>App Development How can you develop a mobile App?</p>

		operators and if statements?	to hexadecimal and vice versa? How do you convert from binary to hexadecimal and vice versa? Why do computer programmers prefer hexadecimal?	development of a relational database? What is SQL and how is it used for storing, manipulating and retrieving data in databases.		
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History	<p>Development of Church, State and Society</p> <p>How did the authorities keep control?</p>	<p>Early Empires and the development of Slavery 1500-1833</p> <p>What was the impact of the Spanish takeover of the Aztec Empire?</p> <p>How did the trans-Atlantic slave trade develop?</p>	<p>Industrial Britain</p> <p>How much did Britain change as a result of the Industrial Revolution?</p>	<p>Industrial Britain</p> <p>How much did Britain change as a result of the Industrial Revolution?</p>	<p>The British Empire</p> <p>Was the British Empire a force for good in Britain and around the world?</p> <p>Why was slavery abolished?</p>	<p>Democracy and Suffrage</p> <p>How did ordinary people gain the right to vote?</p>
Geography	<p>Natural Hazards</p> <p><i>How does tectonic activity affect people and the environment?</i></p> <p>Investigating earthquakes, volcanoes, tsunamis and the processes that cause these hazards.</p>	<p>Human Planet</p> <p><i>Are there too many people on our planet?</i></p> <p>Investigating how population affects us as humans, and the planet we live on.</p> <p>(Includes fieldwork)</p>	<p>East Africa/ Arabian Desert comparison</p> <p><i>How are the people of East Africa influenced by the physical geography of the region?</i></p> <p>Investigating these locations in a comparative study of the physical and</p>	<p>Climate change</p> <p><i>How are humans influencing the climate of our planet?</i></p> <p>A major unit on the science and impacts of climate change, including adaptation and mitigation strategies.</p>	<p>Making the landscape</p> <p><i>How are humans influencing the climate of our planet?</i></p> <p>A study of features of deposition. Includes coastal, fluvial and glacial deposition.</p>	<p>Making the landscape</p> <p><i>How are humans influencing the climate of our planet?</i></p> <p>A study of features of deposition. Includes coastal, fluvial and glacial deposition.</p>

			human geography of the areas.			
French	<p>My hobbies: TV, film and reading</p> <p>Qu'est-ce que tu aimes regarder et lire?</p> <p>What do you like to watch and read?</p>	<p>Music &amp; technology</p> <p>Comment est-ce que tu utilises la technologie?</p> <p>How do you use technology?</p>	<p>Virtual trip to Paris</p> <p>C'est comment, Paris?</p> <p>What's Paris like?</p>	<p>Relationships with family and friends</p> <p>Tu t'entends bien avec ta famille?</p> <p>Do you get on well with your family?</p>	<p>Holidays</p> <p>Tu vas où en vacances?</p> <p>Where do you go on holiday?</p>	<p>Festivals in France</p> <p>Quels sont les fêtes importantes en France?</p> <p>What are the important celebrations in France?</p>
German	<p>Krimis</p> <p>Was hast du gemacht? (What have you done?)</p> <p>Language (Themes / Topics / Vocab):</p> <ul style="list-style-type: none"> <li>• Past tense – saying what you did / have done in the past</li> <li>• Past tense – talking about what other people did / have done in the past</li> <li>• Describing the Weather</li> <li>• Telling the Time</li> <li>• Descriptions of people (looks / character)</li> <li>• Clothes / Describing clothes</li> </ul>	<p>Krimis</p> <p>Was hast du gemacht? (What have you done?)</p> <p>Language (Themes / Topics / Vocab):</p> <ul style="list-style-type: none"> <li>• Past tense – saying what you did / have done in the past</li> <li>• Past tense – talking about what other people did / have done in the past</li> <li>• Describing the Weather</li> <li>• Telling the Time</li> <li>• Descriptions of people (looks / character)</li> <li>• Clothes / Describing clothes</li> </ul>	<p>Gute Reise</p> <p>Was hast du gemacht? (What have you done?)</p> <p>Language (Themes / Topics / Vocab):</p> <ul style="list-style-type: none"> <li>• Past tense – saying what you did / have done in the past</li> <li>• Past tense – saying where you went / have been</li> <li>• Describing a journey – transport – how you got there</li> </ul>	<p>Gute Reise</p> <p>Wie war dein Urlaub? (How was your holiday?)</p> <p>Language (Themes / Topics / Vocab):</p> <ul style="list-style-type: none"> <li>• Past tense – saying what you did / have done in the past</li> <li>• Past tense – saying where you went / have been</li> <li>• Describing a journey – transport – how you got there</li> </ul>	<p>Gesundheit</p> <p>Wie war dein Urlaub? (How was your holiday?)</p> <p>Language (Themes / Topics / Vocab):</p> <ul style="list-style-type: none"> <li>• Parts of the body</li> <li>• Illnesses / injuries / problems</li> <li>• Sport</li> <li>• Healthy and unhealthy free-time activities</li> <li>• Healthy and unhealthy food and drink</li> </ul>	<p>Gesundheit</p> <p>Was ist los mit dir? (What's the matter with you?)</p> <p>Language (Themes / Topics / Vocab):</p> <ul style="list-style-type: none"> <li>• Parts of the body</li> <li>• Illnesses / injuries / problems</li> <li>• Sport</li> <li>• Healthy and unhealthy free-time activities</li> <li>• Healthy and unhealthy food and drink</li> </ul>

	<ul style="list-style-type: none"> <li>Using this language creatively to describe a crime scene and a suspect</li> </ul>	<ul style="list-style-type: none"> <li>Using this language creatively to describe a crime scene and a suspect</li> </ul>	<ul style="list-style-type: none"> <li>Describing a journey – what you did on the journey</li> <li>Describing the Weather</li> <li>Telling the Time</li> <li>Opinions – Meiner Meinung nach war das ...</li> <li>Using this language creatively to describe a real or made-up journey</li> </ul>	<ul style="list-style-type: none"> <li>Describing a journey – what you did on the journey</li> <li>Describing the Weather</li> <li>Telling the Time</li> <li>Opinions – Meiner Meinung nach war das ...</li> <li>Using this language creatively to describe a real or made-up journey</li> </ul>	Writing a short story in German based on "Die kleine Raupe Nimmersatt".	Writing a short story in German based on "Die kleine Raupe Nimmersatt".
P.E.	<p>Outwitting opponents; Football; decision making, replicating skills, applying techniques. &amp; Health &amp; Fitness (XC).</p> <p>Why is pacing important? (XC)</p>	<p>Outwitting opponents; Rugby; decision making, replicating skills, applying techniques. &amp; Health &amp; Fitness (XC).</p> <p>How can you influence a competitive game?</p>	<p>Health &amp; Fitness, Net and wall, Dance; develop practical and theoretical skills; 3 components; choreography, performance &amp; appreciation.</p> <p>What are the short term effects of exercise?</p>	<p>Health &amp; Fitness, Net and wall, Dance; develop practical and theoretical skills; 3 components; choreography, performance &amp; appreciation.</p> <p>Can you explain the rules and scoring systems for net and wall games?</p>	<p>Athletics, Net and Wall, Strike &amp; Field; Replicate forehand, backhand &amp; volleys. Experience events that require evaluation of body parts and refine techniques.</p> <p>Explain the technique of a wide range of athletic events?</p>	<p>Athletics, Net and Wall, Strike and Field; Make effective evaluations of strengths and weaknesses in performance. Develop fundamental core skills; bat, bowl and field.</p> <p>What are the basic tactics for strike and field events?</p>

3D Design	<p>Health and Safety Introduction</p> <p>Why is it important to follow the rules in the workshop?</p>	<p>Key Tag</p> <p>How do you cut and shape plastic?</p>	<p>2D Design “The Basics”</p> <p>What is CAD? How do we use it?</p>	<p>Desk Light</p> <p>How do you drill a hole safely?</p>	<p>Desk Light</p> <p>How can you make a circuit for a LED light?</p>	<p>Drawing Skills</p> <p>What is three tonal rendering and why would you use it?</p>
Food Tech	<p>Health &amp; Safety and Hygiene Introduction</p> <p>Why is personal Hygiene important in the kitchen?</p>	<p>Healthy foods and the eat well plate</p> <p>What do the different nutrients do for the human body?</p>	<p>Weighing, measuring and Baking</p> <p>When Baking why is it important to maintain the correct ratio’s?</p>	<p>The Great Scone Experiment</p> <p>Explain how one recipe can be adapted to make sweet or savory products?</p>	<p>Introduction to pastry</p> <p>Why are there different types of pastry? Can you name there properties?</p>	<p>The Great Eskdale Bake off!</p> <p>Which three methods do we use to bake products?</p>
Drama	<p>The Latecomer</p> <p>How can you use drama skills to help support friends in need?</p> <p>Skills</p> <ul style="list-style-type: none"> <li>• Devil and angel</li> <li>• Forum theatre</li> <li>• Defining space</li> <li>• Mirroring</li> <li>• Puppetry</li> </ul>	<p>Status with movement</p> <p>How can you show status in performance through a range of physical skills?</p> <p>Skills</p> <ul style="list-style-type: none"> <li>• Voice</li> <li>• physicality</li> <li>• master/servant</li> <li>• mask work</li> </ul> <p>proxemics</p>	<p>Two Monsters</p> <p>How can different perspectives affect a character’s story in performance?</p> <p>Skills</p> <ul style="list-style-type: none"> <li>• Body language</li> <li>• facial expression</li> <li>• use of voice</li> <li>• mime</li> <li>• freeze frame</li> <li>• movement</li> <li>• empathy</li> </ul> <p>narration</p>	<p>Dance – Sport</p> <p>How can you use sport as a starting point for dance choreography?</p>	<p>The Tempest</p> <p>How can you bring a Shakespeare script to life to create a magical and dramatic atmosphere?</p> <p>Skills</p> <ul style="list-style-type: none"> <li>• Use of voice</li> <li>• introduction to a performance</li> <li>• plosives</li> <li>• sound collage</li> <li>• staging</li> </ul> <p>space</p>	<p>Titanic</p> <p>How does social class and crew responsibility affect the lives of others? Who is to blame?</p> <p>Skills</p> <ul style="list-style-type: none"> <li>• Creating characters</li> <li>• Empathy</li> <li>• Gesture</li> <li>• Voice</li> <li>• Status</li> </ul> <p>thought tracking improvisation</p>

Art	<p><u>African Art</u> How does African culture influence their art? How can we use simple materials to construct 3D outcomes?</p>	<p><u>African Art</u> How does African culture influence their art? How can we use simple materials to construct 3D outcomes?</p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><u>Developing Traditional Skills</u></p> <ul style="list-style-type: none"> <li>• Can you use traditional skills to explore FRUIT? Can you apply the formal elements?</li> </ul>	<p><u>Developing Traditional Skills</u> Can you use traditional skills to explore FRUIT? Can you apply the formal elements?</p>	<p><u>Independent Project</u></p> <ul style="list-style-type: none"> <li>• Can you use art skills to run an Independent Project</li> </ul>	<p><u>Independent Project</u></p> <ul style="list-style-type: none"> <li>• Can you use art skills to run an Independent Project</li> </ul>
PTE	<p>What influences Buddhists' ways of living?</p> <p>Intro to Buddhism The Four Sights Middle Way Noble Eightfold Path Death and prayer flags Assessment</p>	<p>Which religious rules do Muslims live by?</p> <p>Five Pillars – Sadaqah Five Pillars – Salah Five Pillars – Zakah Five Pillars – Sawm Five Pillars – Hajj Meals modesty for Muslims</p>	<p>What is a human?</p> <p>What makes you, you?</p> <p>Human worth Are humans special? Purpose of life How free are we? What future?</p>	<p>What good does religion do?</p> <p>What difference does having a faith make? What good comes of going to a place of worship? What codes of living are important to people? How does Buddhism help people to live a good life? Does religion always lead people to be good? Does religion always lead people to be good?</p>	<p>Can people express the spiritual through the arts?</p> <p>What is spirituality? Christian Art Muslim Art Sand mandalas Klazmer music Create art work</p>	<p>Do we need religious buildings to be good?</p> <p>Should religious people do more? Mosques Gurdwara Jesus in face of poor Assessment</p>
Music	<p>The Blues Is the blues style of music applicable to today's</p>	<p>Ukulele &amp; Keyboard Which is a better accompanying</p>	<p>Ground Bass Which type of cannon fires melodies?</p>	<p>Video Game Music Is there a purpose to music in video</p>	<p>Musical Theatre What makes musical theatre</p>	<p>Musical Theatre What is the difference between a</p>

	<p>music?</p> <p>Skills</p> <ul style="list-style-type: none"> <li>• Blues scale</li> <li>• Keyboard Skills</li> <li>• Using the backing chords and styles</li> <li>• group performance</li> </ul>	<p>instrument - ukulele or guitar?</p> <p>Skills</p> <ul style="list-style-type: none"> <li>• Ukulele skills strumming</li> <li>• chords</li> <li>• changing chords and strumming patterns</li> <li>• Accompanying a soloist (singer/ instrumentalist)</li> </ul>	<p>Skills</p> <ul style="list-style-type: none"> <li>• Performance: group work - maintaining an individual part</li> <li>• Reading music</li> <li>• Playing an instrument</li> <li>• Introduction to garage band</li> </ul>	<p>games?</p> <p>Skills</p> <ul style="list-style-type: none"> <li>• Compositional skills using technology including garage band to create layers of sounds</li> </ul>	<p>popular today?</p> <p>Skills</p> <ul style="list-style-type: none"> <li>• Keyboard skills, using the backing chords and styles</li> <li>• Singing</li> <li>• Appraising</li> </ul>	<p>pop song and a musical theatre</p> <p>Skills</p> <ul style="list-style-type: none"> <li>• Musical Theatre Performance</li> <li>• composition Appraising</li> </ul>
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