

Year 5: Autumn Term

<p style="text-align: center;">English</p> <p>Autumn 1: Text—Harry Potter and the Philosopher’s Stone by J. K. Rowling</p> <ul style="list-style-type: none"> Plan and write a new chapter for the novel Use figurative language Plan and write a job advertisement <p>Autumn 2: Text—Kensuke’s Kingdom by Michael Morpurgo</p> <ul style="list-style-type: none"> Write a Haiku poem Write a Tanka poem Write a narrative <p>Poem—In The Bleak Midwinter by Christina Rossetti</p> <p>Reading: Comprehension Express used to reinforce skills learnt in Year 4.</p>	<p style="text-align: center;">Maths</p> <p>Autumn 1:</p> <ul style="list-style-type: none"> Place value Addition and subtraction Multiplication and division <p>Autumn 2:</p> <ul style="list-style-type: none"> Multiplication and division Fractions 	<p style="text-align: center;">Science</p> <p>Properties and changes of materials</p> <ul style="list-style-type: none"> Compare and group together everyday materials on the basis of their properties. Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution. Use knowledge of solids, liquids and gases to decide how mixtures might be separated. Demonstrate that dissolving, mixing and changes of state are reversible changes. Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible. <p style="text-align: center;">Animals, including humans</p> <ul style="list-style-type: none"> Describe the changes as humans develop to old age. 	<p style="text-align: center;">Physical Education</p> <p>Autumn 1</p> <ul style="list-style-type: none"> Circuit, eg, travel in different directions and at speed; improve own performance (teacher) Football (Aston Villa coach) <p>Autumn 2</p> <ul style="list-style-type: none"> Badminton (teacher) Gymnastics (Aston Villa coach) 	<p style="text-align: center;">Religious Education</p> <p>Caring For Others, Animals and the Environment</p> <p>Sharing and Being Generous</p> <p>Being Loyal and Steadfast</p> <p>Being Hopeful and Visionary</p>
			<p style="text-align: center;">Computing</p> <p style="text-align: center;"><i>E-safety is recapped and built on each term.</i></p> <p>Infographics</p> <ul style="list-style-type: none"> Understand what makes infographics a popular choice to present and share information. <p>Creating and Using Spreadsheets</p> <ul style="list-style-type: none"> Use spreadsheets to support solving mathematical problems. Use simple formulae. 	<p style="text-align: center;">Relationships and Health Education</p> <p>British Values and Law—children know:</p> <ul style="list-style-type: none"> that marriage represents a formal and legally recognised commitment of two people which is intended to be lifelong. about the rule of law and that everyone in this country is equal. <p>Healthy Relationships—children know:</p> <ul style="list-style-type: none"> about different types of bullying. how to recognise if family relationships are making them feel unhappy or unsafe.

<p style="text-align: center;">History—Early Islamic Civilization</p> <ul style="list-style-type: none"> Know where Early Islamic Civilization fits on a timeline. Understand how and why Islam spread. Know how Baghdad was constructed and the reasons for this. Compare the lives of people who lived in Baghdad and the Anglo-Saxons in around AD400. 	<p style="text-align: center;">Art—Craft & Design: Architecture</p> <ul style="list-style-type: none"> Investigate the built environment through drawing and printmaking, learning about the work of architect, Zaha Hadid. Present research on artist, Hundertwasser and explore the symbolism of monument design. 	<p style="text-align: center;">Geography—Rivers & Mountains</p> <ul style="list-style-type: none"> Know that the Earth is made up of four layers. Know what mountains are and how they are formed. Name some mountain ranges and say where they are in the world. Know how rivers are formed and name some rivers from around the world. Understand what ‘topography’ means and identify some of these physical features on a map. 	<p style="text-align: center;">DT—Electrical Systems: Doodlers</p> <ul style="list-style-type: none"> Explore how the design cycle can be approached at a different starting point, by investigating an existing product, which uses a motor. Work out how the product has been constructed, ready to develop my own.
		<p style="text-align: center;">DT—Textiles: Stuffed Toys</p> <ul style="list-style-type: none"> Design a stuffed toy and make decisions on materials, decorations and attachments (appendages), after learning how to sew a blanket stitch. 	
<p style="text-align: center;">Music—Composition Notation</p> <ul style="list-style-type: none"> Sing with accuracy, fluency, control and expression. Explore and use different forms of notation. Understand note length. Read simple pitch notation. Use hieroglyphs and stave notation to write a piece of music. 	<p style="text-align: center;">Spanish - Phonetics/Do You Have A Pet?</p> <ul style="list-style-type: none"> Using videos and songs, children to learn the first 15 essential Spanish sound phonemes which will improve their Spanish reading and pronunciation. Use the correct articles when naming pets in Spanish. Ask if someone has a pet and reply, in Spanish, if someone asks them the same question. Attempt longer sentences using the connectives ‘y’ (and) or ‘pero’ (but). 	<p style="text-align: center;">Music—Blues</p> <ul style="list-style-type: none"> Know the key features of Blues music. Play the first line of the 12-bar Blues. Play the Blues scale. Improvise with notes from the Blues scale. 	<p style="text-align: center;">Spanish— The Date</p> <ul style="list-style-type: none"> Say, read and spell the days of the week and months of the year in Spanish. Recall and spell numbers 1-31. Use their knowledge to say when their birthday. Use their knowledge to say the date.

Year 5: Spring Term

<p style="text-align: center;"><u>English</u></p> <p><u>Spring 1:</u> Text—Beowulf by Michael Morpurgo</p> <ul style="list-style-type: none"> • Write a CV • Write a newspaper report • Plan and write a biography <p><u>Spring 2:</u> Text—Matilda by Roald Dahl</p> <ul style="list-style-type: none"> • Compare characters • Write a school report in the style of a character • Write in the subjunctive form <p>Poem—Caged Bird by Maya Angelou</p> <p><u>Reading:</u> A range of texts to reinforce and consolidate the skills taught in the autumn term.</p>	<p style="text-align: center;"><u>Maths</u></p> <p><u>Spring 1:</u></p> <ul style="list-style-type: none"> • Multiplication and division • Fractions <p><u>Spring 2:</u></p> <ul style="list-style-type: none"> • Decimals and percentages • Measurement (perimeter and area) • Statistics 	<p style="text-align: center;"><u>Science</u></p> <p style="text-align: center;"><u>Earth and Space</u></p> <ul style="list-style-type: none"> • Describe the movement of the Earth and other planets in our solar system.. • Describe the movement of the Moon relative to the Earth. • Describe the Sun, Earth and Moon as approximately spherical bodies. • Use the idea of the Earth’s rotation to explain day and night. <p style="text-align: center;"><u>Forces</u></p> <ul style="list-style-type: none"> • Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. • Identify the effects of air resistance, water resistance and friction, that act between moving surfaces. • Recognise that some mechanisms including levers, pulleys and gears, allow a smaller force to have a greater effect. 	<p style="text-align: center;"><u>Physical Education</u></p> <p><u>Spring 1</u></p> <ul style="list-style-type: none"> • Circuit, eg, competing against others (teacher) • Tag rugby (Aston Villa coach) <p><u>Spring 2</u></p> <ul style="list-style-type: none"> • Swimming (11th March to 22nd March - 10 sessions) • Hockey (teacher) • Dance (Aston Villa coach) 	<p style="text-align: center;"><u>Religious Education</u></p> <p style="text-align: center;">Being Open, Honest and Truthful</p> <p style="text-align: center;">Being Attentive To The Sacred As Well As The Precious</p> <p style="text-align: center;">Participating and Willing To Lead</p> <p style="text-align: center;">Being Modest and Listening To Others</p>
		<p style="text-align: center;"><u>Computing</u></p> <p style="text-align: center;"><i>E-safety is recapped and built on each term.</i></p> <p><u>Computers for Communication and Collaboration</u></p> <ul style="list-style-type: none"> • Consider how technology has improved. <p><u>Digital Literacy—Project Evolve</u></p> <ul style="list-style-type: none"> • Managing online information • Privacy and settings • Copyright and ownership 		<p style="text-align: center;"><u>Relationships and Health Education</u></p> <p>Keeping Myself Safe—children know:</p> <ul style="list-style-type: none"> • the NSPCC’s PANTS rule. • how to report abuse or concerns. • how information and data is shared and used online. • that people sometimes pretend to be someone else online. • why social media, some computer games and online gaming are age restricted.

<p style="text-align: center;">History—Ancient Egypt</p> <ul style="list-style-type: none"> • Know where Ancient Egypt fits on a timeline. • Know how the Ancient Egyptians used the River Nile to aid their own living. • Name some of the gods and goddesses the Ancient Egyptians believed in. • Know that Tutankhamen became pharaoh at the age of 9 and died around the age of 18. • Know that archaeologists find artefacts that can help determine what life was like in ancient civilizations. 	<p style="text-align: center;">Art—Sculpture & 3D:Interactive Installation</p> <ul style="list-style-type: none"> • Learn about the features of installation art and how it can communicate a message. • Explore the work of Cai Guo-Qiang and discover how our life experiences can inspire our art. • Investigate how scale, location and interactive elements affect the way visitors experience installation art. 	<p style="text-align: center;">Geography—Natural Disasters</p> <ul style="list-style-type: none"> • Know how to identify the latitude and longitude of different regions around the world. • Learn that natural disasters occur around the world but there are certain places common they are more common and why. • Identify a range of natural disasters and say what causes them. • Know how people live in places where natural disasters occur and how they try and keep safe. 	<p style="text-align: center;">DT—Structure: Bridges</p> <ul style="list-style-type: none"> • Test and analyse various types of bridge to determine their strength and stability. • Explore material properties and sources before marking, sawing and assembling a wooden truss bridge.
<p style="text-align: center;">Music—South and West Africa</p> <ul style="list-style-type: none"> • Sing a traditional African song unaccompanied. • Use tuned instruments to play a chord progression. • Use vocals or tuned percussion to perform a piece of music as an ensemble. • Play call and response rhythms using percussion instruments. • Create an eight beat break to play within a performance. 	<p style="text-align: center;">Spanish - My Home</p> <ul style="list-style-type: none"> • In Spanish, say if they live in a house or an apartment and where they live based on five choices. • Recognise and spell ten different rooms in the house. • In Spanish, say which rooms they do not have in their homes. • Integrate new learning with prior learning. 	<p style="text-align: center;">Music—Composition to Represent the Festival of Colour</p> <ul style="list-style-type: none"> • Suggest a colour to match a piece of music. • Create a graphic score and describe how this matches the general structure of a piece of music. • Create a vocal composition in response to a picture and justify their choice using musical terms. • Record their compositions in written forms. • Work as a group to perform a piece of music. 	<p style="text-align: center;">Spanish—Clothes</p> <ul style="list-style-type: none"> • Recap key facts about the Romans in English. • Recap the days of the week and how these link to the Roman gods and goddesses. • Tell someone in Spanish about famous Roman inventions. • Begin to understand the concept of the negative form in Spanish.

Year 5: Summer Term

<p style="text-align: center;">English</p> <p>Summer 1: Text—The Tempest by William Shakespeare</p> <ul style="list-style-type: none"> Explore the use of figurative language Use different levels of formality in a diary entry Use an impersonal style in my non-fiction writing <p>Summer 2: Text—The Ways of the Wolf by Smriti Prasadam-Halls & Jonathan Woodward</p> <ul style="list-style-type: none"> Identify and evaluate the language and themes of a text Rehearse an oral presentation <p>Poem—The Tyger by William Blake</p> <p>Reading: A range of texts to reinforce and consolidate the skills taught in the autumn term.</p>	<p style="text-align: center;">Maths</p> <p>Summer 1:</p> <ul style="list-style-type: none"> Geometry (shape) Geometry (position and direction) Decimals <p>Summer 2:</p> <ul style="list-style-type: none"> Decimals Negative numbers Measurement (converting units) Measurement (volume) 	<p style="text-align: center;">Science</p> <p style="text-align: center;"><u>Living things and their habitats</u></p> <ul style="list-style-type: none"> Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. Describe the life process of reproduction in some plants and animals. 	<p style="text-align: center;">Physical Education</p> <p>Summer 1</p> <ul style="list-style-type: none"> Athletics (teacher) Outdoor and adventurous activities (Aston Villa coach) <p>Summer 2</p> <ul style="list-style-type: none"> Basketball (teacher) Cricket (Aston Villa coach) 	<p style="text-align: center;">Religious Education</p> <p>Being Temperate, Self-Disciplined and Seeking Contentment</p> <p>Being Accountable and Living With Integrity</p> <p>Being Thankful</p> <p>Being Imaginative and Explorative</p>
			<p style="text-align: center;">Computing</p> <p style="text-align: center;"><i>E-safety is recapped and built on each term.</i></p> <p><u>Scratch Programming—Making Games</u></p> <ul style="list-style-type: none"> Develop logical thinking and coding using Scratch 3 to make a range of computer games. Link and control the movement of one sprite with another when conditions are met. 	<p style="text-align: center;">Relationships and Health Education</p> <p>My Healthy Body—children know:</p> <ul style="list-style-type: none"> how to recognise early signs of physical illness. key facts about puberty. it is common for people to experience mental ill health. <p>Recap anything covered this year in RHE that needs consolidating.</p>

<p style="text-align: center;">History—World War II</p> <ul style="list-style-type: none"> Know when World War II started and why. Know which countries were involved. Understand what is meant by propaganda and how this was used during World War II. Learn what ‘evacuation’ means and why children were evacuated. Learn about the Battle Of Dunkirk. Understand why food was rationed during World War II. 	<p style="text-align: center;">Art—Drawing: I Need Space</p> <ul style="list-style-type: none"> Explore the purpose and impact of images from the ‘space race’ era of the 1950s and 1960s. Develop independence and decision-making using open-ended and experimental processes. Combine drawing and collagraph printmaking to create a futuristic image. <p style="text-align: center;">Art—Painting & Mixed Media: Portraits</p> <ul style="list-style-type: none"> Investigate self-portraits by a range of artists. Use photographs of themselves as a starting point for developing their own unique self-portraits in mixed media. 	<p style="text-align: center;">Geography—Comparing Birmingham, Rome and the Amazon</p> <ul style="list-style-type: none"> Locate Birmingham, Rome and the Amazon on a world map and name the continents they are part of. Identify some of the human and physical features of each place. Compare the human and physical features of each place and say why they are similar or different. 	<p style="text-align: center;">DT—Cooking & Nutrition: What Could Be Healthier?</p> <ul style="list-style-type: none"> Discover the farm to fork process. Understand the key welfare issues for rearing cattle. Compare the nutritional value of existing sauces and develop a healthier recipe. <p style="text-align: center;">DT—Mechanical Systems: Pop-Up Book</p> <ul style="list-style-type: none"> Create a functional four-page pop-up storybook design, using lever, sliders, layers and spacers to create paper-based mechanisms.
<p style="text-align: center;">Music—Looping and Remixing</p> <ul style="list-style-type: none"> Understand what a looped rhythm is and play one from notation. Create a piece of music using pre-written loops. Play a melody line accurately and fluently. Select a section of a tune and perform it as a loop. Combine loops to create a remix. 	<p style="text-align: center;">Spanish - The Olympics</p> <ul style="list-style-type: none"> Learn how to break down longer texts in Spanish. Recognise and spell ten different games in the Olympics with their definite articles/determiners in Spanish. Say which sports they do. Describe the sports that different athletes do. 	<p style="text-align: center;">Music—Musical Theatre</p> <ul style="list-style-type: none"> Understand what musical theatre is and be able to recall at least three features of this kind of music. Create a musical theatre scene. Select appropriate existing music for their scene to tell the story of a journey. Perform their scene with their group, ensuring smooth transitions between spoken dialogues, singing and dancing. 	<p style="text-align: center;">Spanish—The Romans</p> <ul style="list-style-type: none"> Recap key facts about the Romans in English. Recap the days of the week and how these link to the Roman gods and goddesses. Tell someone in Spanish about famous Roman inventions. Begin to understand the concept of the negative form in Spanish.