

Year Five						
Subject	Autumn One	Autumn Two	Spring One	Spring Two	Summer One	Summer Two
English	<p>CURIOSITY: THE STORY OF A MARS ROVER Markus Motum (Non-fiction)</p> <p>Non-chronicological Report, Newspaper Report, Persuasive Writing, Biography Writing..</p>	<p>RUNAWAY ROBOT Frank Cottrell-Boyce (Contemporary fiction- Novel)</p> <p>Character Profiles, Formal Letter Writing, Newspaper Report, Diary Entry, Persuasive Letter.</p>	<p>THE ADVENTURES OF ODYSSEUS Daniel Morden (Traditional Tale)</p> <p>Script Writing, Diary Entry, Poetry Writing, Debate, Report Writing, Narrative Writing.</p>	<p>COSMIC DISCO Grace Nicols (Poetry)</p> <p>Poetry Writing, Performing Poetry.</p>	<p>TWITCH MG Leonard (Contemporary fiction-novel, building reading stamina)</p> <p>Balanced Arguments, Research and Information Writing, Descriptive Writing, Poetry Writing, Explanatory Writing, News Report Writing.</p>	<p>THE PROMISE Nicola Davies (Picture Book)</p> <p>Descriptive Writing, Role Play, Narrative Writing, Persuasive Writing, Balanced Arguments</p>
Phonics SPAG	<p>Spelling- Year 5/6 Words</p> <p>Full Stops and Capital Letters, Proper Nouns, Adverbs of Possibility, Converting Nouns and Adjectives into Verbs, Tenses: Past and Present Progressive and Present Perfect, Apostrophes for contractions and possession, Possessive Plural Apostrophes, Expanded Noun Phrases.</p>	<p>Spelling- Year 5/6 Words</p> <p>Adverbs, Modal Verbs, Verb Prefixes, Prepositions, Using Inverted Commas.</p>	<p>Spelling- Year 5/6 Words</p> <p>Prefixes, Coordinating Conjunctions, Parenthesis, Commas for Meaning and Clarity.</p>	<p>Spelling- Year 5/6 Words</p> <p>Determiners, Suffixes, Subordinating Conjunctions, Linking Paragraphs with Adverbials, Direct and Indirect Speech.</p>	<p>Spelling- Year 5/6 Words</p> <p>Pronouns and Possessive Pronouns, Word Families, Subordinate Clauses, Writing Cohesive Paragraphs, Parenthesis- Commas, Homophones.</p>	<p>Spelling- Year 5/6 Words</p> <p>Adverbials, Fronted Adverbials, Dictionary Work, Relative Clauses, Editing and Evaluating, Parenthesis- Dashes.</p>
Maths	<p>White Rose Maths</p> <p>PLACE VALUE</p> <p>ADDITION AND SUBTRACTION</p> <p>MULTIPLICATION AND DIVISION</p> <p>FRACTIONS</p>		<p>White Rose Maths</p> <p>MULTIPLICATION AND DIVISION</p> <p>FRACTIONS</p> <p>DECIMALS AND PERCENTAGES</p> <p>PERIMETER AND AREA</p> <p>STATISTICS</p>		<p>White Rose Maths</p> <p>SHAPE</p> <p>POSITION AND DIRECTION</p> <p>DECIMALS</p> <p>NEGATIVE NUMBERS</p> <p>CONVERTING UNITS</p> <p>VOLUME</p>	

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Science	<p>EARTH AND SPACE</p> <p>How does the Earth move around the sun? How does the moon move around the Earth? What are the names of the planets in our solar system? Can you explain day and night?</p> <p>FORCES</p> <p>What is gravity? Who is Sir Isaac Newton and what unit is the unit of force named after him? What is friction and what effect does it have? What is air resistance and what effect does it have? What is water resistance and what effect does it have? Which mechanical devices do we use in everyday life to help us transfer forces or motion and make tasks easier?</p>		<p>LIVING THINGS AND THEIR LIFE CYCLES</p> <p>What are the different types of reproduction? How do plants can reproduce asexually? What is the life cycles of some non-flowering plants? Can you explain the life cycle of humans? Can you explain the main difference in the life cycles of mammals and birds? Can you explain the life cycle of butterflies and frogs? Can you explain any other insect & amphibian life cycles? What can you tell me about David Attenborough and Jane Goodall?</p> <p>HUMAN GROWTH AND DEVELOPMENT</p> <p>Can you describe the changes as humans develop to old age? Can you identify the changes experienced in puberty? Can you research the gestation periods of other animals and compare them with humans?</p>		<p>PROPERTIES AND CHANGES OF MATERIALS</p> <p>How can you compare and group together everyday materials on the basis of their properties? Which materials will dissolve in liquid to form a solution? How can you recover a substance from a solution? How can mixtures be seperated? Can you conduct a comparative fair test? What are reversible changes?</p>	
Geography	<p>WHAT IS LIFE LIKE IN THE ALPS?</p> <p>Where are the Alps? What is it like in the Alps? Why do people visit the Alps? What is there to do in our local area? How are the Alps different from our local area? What is life like in the Alps?</p>		<p>WHY DOES POPULATION CHANGE?</p> <p>How is global population changing? What are birth and death rates? Why do people migrate? How is climate change impacting population? How is population impacting our environment?</p>		<p>WOULD YOU LIKE TO LIVE IN THE DESERT?</p> <p>What is a hot biome? Where are deserts located? What physical features are found in a desert? How can people use deserts? What are the threats to deserts? Would you like to live in the desert?</p>	
History			<p>ANCIENT GREECE</p> <p>What other periods of history were around at the same time as the Ancient Greeks? How might the Greeks have had contact with the Romans? What do you already know about the Ancient Greeks? Can you locate Greece on a map of Europe? Can you create a timeline of the main events that occurred in Ancient Greece? What does BC and AD mean? What was the relationship between Athens and Sparta? How was life different for boys and girls in Athens and Sparta? Which city state would you have preferred to live in and why? What is a democracy? What is a debate? Can you name the 3 main types of columns that can be featured in a Parthenon? What was an Ancient Greek house like? Who was Alexander the Great and why was he an important figure? How was Ancient Greek warfare different to today? What happened in The Battle of Marathon? What were the religious beliefs of the Ancient Greeks? Can you name any of the Greek gods/goddesses? How were the Ancient Olympic Games different to today? Can you name one of the Ancient Greek philosophers and what they taught us? What were the main events in The Trojan War? What did Ancient Greeks eat, drink and wear? What have the Ancient Greeks taught us that we still use today?</p>		<p>ANCIENT EGYPT</p> <p>What do you already know about Ancient Egypt? Can you locate Egypt on a map? What does a timeline of Ancient Egypt look like? Why was the Nile so important to Egyptian civilisation? How did Ancient Egyptians farm and trade? Who were the Pharaohs and what was their role? What did Ancient Egyptians believe? Why and how did the Egyptians build pyramids? What was life like for Egyptian women and children? What did Ancient Egyptians believe about the afterlife? Can you explain the process of mummification? Who were the famous Egpitian gods and goddesses? How did the Ancient Egyptians record their language? Who was King Tutankhamum? Why was Cleopatra famous? Why did Ancient Egyptian civilisation come to an end? How is modern Egypt different from, and similar to, Ancient Egypt?</p>	

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Art	<p>SPACE</p> <p>Who is Peter Thorpe?</p> <p>What are the key features in Peter Thorpe's art work?</p> <p>What kind of materials does Peter Thorpe use in his art work?</p> <p>Can you use pastels and ideas inspired by Peter Thorpe to create your own artwork?</p> <p>What is perspective art?</p> <p>Can you use perspective accurately to create a piece of artwork looking at the Earth from space?</p> <p>SKETCHING</p> <p>Have you used gradient within your sketches?</p> <p>Can you draw an object from memory?</p> <p>Can you draw an object using observational skills?</p> <p>Can you sketch one part of an object accurately showing lots of detail?</p>		<p>SELF-PORTRAITS</p> <p>Can you apply techniques to sketch a human face in the correct proportion?</p> <p>Can you use fine details to create realistic portraits?</p> <p>Can you draw a face in correct proportions?</p> <p>ROMERO BRITTO</p> <p>Who is Romero Britto?</p> <p>What are the key features in Romero Britto's art work?</p> <p>From a traced outline, can you create a self-portrait in the style of Romero Britto?</p> <p>GREEK ART</p> <p>Why is symmetry and structure important in Greek artitecture?</p> <p>Examine Greek temples, buildings and discuss the different features.</p> <p>Using sketching skills and examples, can you sketch your own samples of Greek coloumns?</p> <p>Can you use the art straws to make your own model of a Greek temple?</p> <p>Can you use clay to make your own model of a Greek vase?</p>		<p>EGYPTIAN ART</p> <p>Can you use your sketchbook to sketch and design your own sarcophogus?</p> <p>Can you design and create your own patterned sarcophogus in both a black and white and coloured format?</p> <p>Can you sketch your name in hieroglyphics?</p> <p>Inside your sarcophogus, can you write your name in hieroglyphics?</p> <p>What are the main decorative features in Tutankhamun's funeral mask?</p> <p>Can you recreate Tutankhamun's funeral mask using either paint or collage?</p> <p>Can you use the Egyptian style headdress to create your</p> <p>Can you design and make a canopic jar?</p> <p>LANDSCAPE DRAWING</p> <p>Compare the features in landscape art work, what shapes and colours are present?</p> <p>Can you use your sketching skills to sketch features on the residential?</p> <p>Can you use a range of watercolours effectively within your landscape?</p> <p>SURREALISM - CHAGALL/MAGRITTE/MIRO</p> <p>What are key aspects which makes art surreal?</p> <p>Can you draw from memory to create your own art work in a surrealism style?</p> <p>Looking at the art work of Chagall, Magritte and Miro, how do the pictures make them feel?</p> <p>What are the artists trying to convey?</p> <p>What is important about their artwork?</p> <p>Using either drawing or collage, can you create a composition of things which are important to you in the style of Chagall?</p> <p>Identify different features of Magritte, can you draw something and what it may look like in the future?</p> <p>Can you create a picture in the style of Miro?</p>		
	DT	<p>ELECTRICAL SYSTEMS: DOODLERS</p> <p>What is a series circuit?</p> <p>What happens when there is a break in a series circuit?</p> <p>What does an electric motor do?</p> <p>What is a motorised product?</p> <p>What does product analysis mean?</p> <p>on' mean?</p> <p>MECHANICAL SYSTEMS: POP-UP BOOK</p> <p>What is the function of mechanisms?</p> <p>How can you change one kind of motion into another?</p> <p>How can you use sliders, pivots and folds to create paper-based mechanisms?</p> <p>What is a design brief?</p> <p>Why do designers often want to hide mechanisms?</p>		<p>COOKING AND NUTRITION: DEVELOPING A RECIPE</p> <p>Why might recipes need to be adapted?</p> <p>What can you use a nutritional calculator for?</p> <p>What does 'cross-contamination' mean?</p> <p>Why do we use coloured chopping boards?</p> <p>Where can we find nutritional information about foods?</p>		<p>ING DEVICES</p> <p>What is meant by monitoring devices?</p> <p>Explain briefly the development of thermometers from thermoscopes to digital thermometers.</p> <p>Can you write a program that monitors the ambient temperature and alerts someone when the temperature moves from a specified range?</p> <p>Can you identify errors (bugs) in the code and ways to fix (debug) them?</p> <p>Can you describe the development of plastic and how is it now affecting planet Earth?</p> <p>Can you build a variety of brick models to invent Micro: bit case, housing and stand ideas?</p> <p>Can you explain key pros and cons of virtual modelling vs physical modelling?</p> <p>Can you describe the name and use of key tools used in CAD) software?</p> <p>STRUCTURE: BRIDGES</p> <p>Can you identify stronger and weaker shapes?</p> <p>Do you recognise that supporting shapes can help increase the strength of a bridge?</p> <p>Can you identify beam, arch and truss bridges and describe their differences?</p> <p>Can you use triangles to create simple truss bridges that support a load (weight)?</p> <p>Can you cut beams to the correct size, using a cutting mat?</p> <p>Can you complete a bridge, with some help?</p> <p>ovement?</p>	

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Music	CHARANGA - JAZZ Keyboard, composition and performance CHARANGA - LEAN ON ME		SHOW SONGS		CHARANGA - MAKE YOU FEEL MY LOVE Singing, keyboards, glockenspiel and percussion performance CHARANGA - Ukelele course	
Computing	Spreadsheet Modelling Digital imaging – manipulating Intro to formula in spreadsheets Why is a spreadsheet useful? What did people use before spreadsheets? How does the media manipulate images for a variety of effects? Creating Content - Text & Multimedia Collaborative work, Keyboard skills Creating content for different audiences & choosing appropriate software Can you use collaborative tools effectively? Can you produce appropriate presentation with formatting etc?		Intro to 3D printing Can you use guided design to construct a model? Creating content – sound Create & edit sounds add effects etc. Can you create and edit sound clips? Data Handling Can you present data? Can you interrogate a database? Can you explain different types of data?		Programming 2DIY – make simple games Can you explain input and output in a program? Scratch – design & program maze game Do you solve problems in stages? Are programs as clear and simple as possible?	
French	PLEASED TO MEET YOU How do you demonstrate your prior learning from previous units? Can you say a simple future sentence? How do you give an intention for the immediate future? How do you use body language or gesture to help understand? How do you say how you are feeling? Can you follow a simple story and recognise key vocabulary? Can you present information about yourself with support?		FAMILY AND FRIENDS Can you identify and introduce some of their relations? Can you name some common pets? Can you recognise some rooms in their home?		SCHOOL LIFE Can you listen and respond to topic vocabulary? How do you demonstrate understanding with actions? Can you write sentences converting le/la to un/une? Can you answer questions using the topic vocabulary? Can you express simple opinions?	

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PE	<p>SWIMMING I can swim competently, confidently and proficiently over a distance of at least 25 metres I can perform safe self-rescue in different water-based situations I can use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]</p> <p>DANCE I can accurately copy and repeat set choreography. I can choreograph phrases individually and with others considering actions and dynamics. I can confidently perform different styles of dance, clearly and fluently, showing a good sense of timing. I can lead a group through short warm-up routines. I can refine the way I use actions, dynamics, relationships and space in my dance in response to a stimulus. I can suggest ways to improve my own and other people's work using key terminology. I can use counts when choreographing to stay in time with others and the music. I can use feedback provided to improve my work.</p>	<p>FITNESS I can analyse my performance in relation to the fitness component being used. I can work with others to manage activities. I demonstrate good balance and control when performing other fundamental skills. I show accuracy and power when throwing for distance. I understand the different components of fitness and how they help me in other activities. I understand what my maximum effort looks and feels like and I am determined to achieve it.</p> <p>GYMNASTICS I can create and perform sequences using apparatus, individually and with a partner. I can lead a partner through short warm-up routines. I can use canon and synchronisation, and matching and mirroring when performing with a partner and a group and say how it affects the performance. I can use feedback provided to improve my work. I can use set criteria to make simple judgments about performances and suggest ways they could be improved. I can use strength and flexibility to improve the quality of a performance. I can work safely when learning a new skill to keep myself and others safe.</p>	<p>SWIMMING I can swim competently, confidently and proficiently over a distance of at least 25 metres I can perform safe self-rescue in different water-based situations I can use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]</p> <p>FOOTBALL I can communicate with my team and move into space to keep possession and score. I can dribble, pass, receive and shoot the ball with some control under pressure. I can identify when I was successful and what I need to do to improve. I can often make the correct decision of who to pass to and when. I can use tracking and intercepting when playing in defence. I understand the need for tactics and can identify when to use them in different situations. I understand the rules of the game and I can use them most of the time to play honestly and fairly. I understand there are different skills for different situations and I am beginning to apply this.</p>	<p>YOGA I am confident to lead others through poses and flows. I can create a yoga flow individually and with others. I can move with control from one pose to another demonstrating good balance. I can provide feedback to others using key terminology and can use feedback provided to improve my work.. I can use my breath to move from pose to pose. I show balance, strength and flexibility whilst holding yoga poses.</p> <p>ROUNDERS I am beginning to strike a ball with a rounders bat. I am developing a wider range of fielding skills and I am beginning to use these under some pressure. I can identify when I was successful and what I need to do to improve. I can work co-operatively with others to manage our game. I understand the need for tactics and can identify when to use them in different situations. I understand the rules of the game and I can apply them honestly most of the time. I understand there are different skills for different situations and I am beginning to use this.</p>	<p>ATHLETICS I can choose the best pace for a running event. I can identify good athletic performance and explain why it is good. I can perform a range of jumps showing some technique. I can show control at take-off and landing in jumping activities. I can take on the role of coach, official and timer when working in a group. I can use feedback to improve my sprinting technique. I persevere to achieve my personal best. I show accuracy and power when throwing for distance.</p> <p>CRICKET I am developing a wider range of fielding skills and I am beginning to use these under some pressure. I can identify when I was successful and what I need to do to improve. I can strike a bowled ball with increasing consistency. I can work co-operatively with others to manage our game. I understand the need for tactics and can identify when to use them in different situations. I understand the rules of the game and I can apply them honestly most of the time. I understand there are different skills for different situations and I am beginning to use this.</p>	<p>TAG RUGBY I can communicate with my team and move into space to keep possession and score. I can identify when I was successful and what I need to do to improve. I can pass and receive the ball with some control under pressure. I can tag opponents and close down space. I know what position I am playing in and how to contribute when attacking and defending. I understand the need for tactics and can identify when to use them in different situations. I understand the rules of the game and I can apply them honestly most of the time. I understand there are different skills for different situations and I am beginning to apply this.</p> <p>TENNIS I am developing a wider range of skills and I am beginning to use these under some pressure. I can identify how different activities can benefit my physical health. I can identify when I was successful and what I need to do to improve. I can use feedback provided to improve my work. I can work cooperatively with others to manage our game. I understand the need for tactics and can identify when to use them in different situations. I understand the rules of the game and I can apply them honestly most of the time. I understand there are different skills for different situations and I am beginning to apply this.</p>

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RHE	<p>FAMILIES AND RELATIONSHIPS What makes a good friend? Why are friends important? What could you do if you have a problem with a friend? What is marriage? Why might people get married? What is 'self-respect'? Who can help you if something makes you feel unhappy or unsafe? Why is it not a good idea to keep secrets? What makes someone bully someone else?</p> <p>Can you perform some yoga poses, following the instructions from a video, and describe how yoga makes you feel? Can you describe how you can get a good night's sleep and explain why this is important? Can you describe why you should embrace failure? Can you describe a strategy to help manage feelings of failure and to help you to persevere? What goals can you set yourselves and how will you achieve them? Can you describe a range of feelings and suggest two ways of dealing with a difficult situation? What are calories and how can you use them to help plan healthy meals? What are the food groups and why is having a variety of food important for having a balanced and healthy diet? How do you keep safe in the sun and what are some of the risks, now and in the future, if you don't keep safe?</p>	<p>SAFETY AND MY CHANGING BODY What is safe to share online and what do you do before sending a message? Can you identify possible dangers online and suggest ways to stay safe? Can you accurately name all the relevant parts of the body? Do you understand the changes your own gender will go through during puberty? Can you list the range of changes you will go through during puberty? Can you assess a casualty's condition; calmly, comfort and reassure a casualty who is bleeding; and seek medical help if required? Do you understand that other people can influence your decisions but you have the right to make your own choices?</p> <p>HIP Do you know what happens when someone breaks the law? Do you understand what rights are and that freedom of expression is one of these rights? Do you understand how reducing the use of materials and energy helps the environment, and what individuals can do to support this? Do you understand how people contribute to society? Do you understand the role of pressure groups? Do you understand the basics of how parliament works?</p>	<p>ECONOMIC WELLBEING Can you prioritise needs over wants? Can you manage a weekly budget? Do you understand the responsibilities and consequences of borrowing and loaning? Can you recognise the risks and considerations associated with spending money online? Can you explain why workplace stereotyping needs to be challenged? Can you describe how interests and skills align with future careers?</p> <p>Do you understand the skills needed to take on responsibilities in school?</p>			
	RE	<p>HARVEST 'Dependence' Who were the Israelites? Can you recount the story of the Israelites? Which religion celebrates Sukkot and why? How is Sukkot celebrated? Can you describe the similarities and difference between Sukkot and Harvest?</p> <p>EPIPHANY What does Epiphany celebrate? Where did the star lead the 3 wise men? How do we know about this story? Why did the wise men give the baby gold? How are Epiphany stories different in Christianity and Judaism? Why do we give gifts at Christmas?</p>	<p>PASSOVER Which religion celebrates Passover? Why is Passover celebrated? Can you recount the story of the plagues? How many of the plagues can you recall? How did the Israelites protect their houses from the final plague? What happens during Passover? What is The Seder Plate? What food and drink is consumed during Passover?</p> <p>EASTER What events happened in Holy Week? What happened at The Last Supper? What happened in The Garden of Gethsemane? Can you describe the emotions of those who were present at The Last Supper and The Garden of Gethsemane? What is Holy Communion and which religion of people carries out this ritual? What is Passover and which religion celebrates this? Can you describe similarities and differences between The Last Supper, Holy Communion and Passover?</p>	<p>PLACES OF WORSHIP - BUDDHISM Can you name the five largest religions of the world? What was the Buddha's real name? Can you retell the story of Siddhartha Gautama becoming Buddha? What important lesson did Siddhartha Gautama learn? What does karma mean? What is the Eightfold Path? What are the Four Noble Truths? Where do Buddhists worship?</p> <p>SACRED TEXTS, SIGNS & SYMBOLS What does 'sacred' mean? Which religions sacred text is the Tripitaka? Can you name 5 things you know about the Tripitaka? Can you name the symbols that relate to Buddhism? Other than praying how else do people engage in worship?</p>		