

Emscote Infant School Curriculum Overview Year 2

	Autumn	Spring	Summer
English <i>Books used to support English learning outcomes</i> <i>Subject to change</i>	Oliver's Vegetables - Vivian French & Alison Bartlett The Giant Jam Sandwich - John Vernon Lord The Secret of Black Rock - Joe Todd Stanton Meerkat Mail - Emily Gravett Journey - Aaron Becker The Nutcracker - Retold by Alison Jay <i>A range of texts, including further fiction, poetry and nonfiction is explored during our reading for pleasure time</i>	Katie in London - James Mayhew Vlad and The Great Fire of London - Kate Cunningham The Hodgeheg - Dick King Smith Lost - Mariajio Ilustrijo The Crows Tale - Naomi Howarth Lila and The Secret of Rain- David Coway (links to Bo)) <i>A range of texts, including further fiction, poetry and nonfiction is explored during our reading for pleasure time</i>	Inside the Castle - Usborne The Dragon Machine - Helen Ward The Tempest - William Shakespeare The Owl and the Pussycat - Edward Lear The Sea of Dreams - Denis Nolan Someone Swallowed Stanley - Sarah Roberts <i>A range of texts, including further fiction, poetry and nonfiction is explored during our reading for pleasure time</i>
Maths	Over the year we cover and revisit these concepts on a regular basis to ensure consolidation. Separate Maths Mastery sessions 4 times a week throughout the year.		
	Place Value Addition and Subtraction Shape	Money Multiplication and Division Length and Height Mass, Capacity and Temperature	Fractions Time Statistics Position and Direction
Science	Living in Habitats To be able to identify things that are living, things that are dead and things that have never been alive. To understand that living things need to live in suitable habitats To explore the plants and animals that live in seaside habitats. To be able to explore plants and animals in an unfamiliar habitat. To be able to explore and describe a micro-habitat To explore food chains in a habitat. Growth and Survival To find out about the offspring of a variety of different animals. To find out about the different ways in which animals reproduce To explore how humans grow as they get older To find out what animals, including humans, need to survive.	Exploring Everyday Materials To be able to identify a variety of materials and sort them according to a variety of criteria. To be able to identify natural and man-made materials. To identify that some materials can change shape by squashing, bending, stretching and twisting, and others can't. To identify the suitability of metal and plastic for a variety of purposes To identify different products that can be made from wood and their features and purposes. To identify different materials that are used for the same product. To identify material inventions and discoveries	Growing Plants To understand that different seeds grow into different plants and to describe them To understand that plants can be grown from bulbs. To be able to explain why and how seeds are dispersed. To plan, carry out and evaluate an investigation into the conditions that affect germination. To observe and describe how a plant changes as it matures. Super Scientists To investigate the effect gravity has on everyday objects. To investigate what happens to light when it passes through different transparent objects. To investigate the wind. To investigate whether sound can pass through materials. To investigate our senses and reflexes.

	To explore the environment as a factor of survival for animals, including humans To find out how to eat a healthy, balanced diet. To find out why exercise is important to keep our bodies healthy.		To investigate how germs are transferred by touching things. To investigate electrical circuits to make a light bulb light up.
Geography	Map Makers To be able to use compass points to navigate around a map. To use aerial photographs and plan perspectives to recognise and create landmarks Use simple fieldwork and observational skills to study the geography of their school and surroundings. To devise a simple map and use and construct basic symbols in a key. To design a map, referring to key human features To create a 3D map using their town designs.	Where Do I Live? To be able to name the seven continents of the world and locate the UK on a world map. To be able to identify the countries and capital cities of the UK. To be able to identify features and characteristics of the countries of the UK. To explore the town we live in. To be able to describe where you live. To understand geographical similarities and differences through studying the human and physical geography of a small area of the UK and of a small area in a contrasting non-European country (Bo-Sierra Leone)	Seas and Coasts To locate and identify oceans and continents. To find out about British beaches. To find out about British seas. To use fieldwork skills to find out about a place. To compare a British beach with one from another country. To use compass points to move around a map.
History	Intrepid Explorers To find out about the travels of Ibn Battuta. To find out about the first voyage of Christopher Columbus. To compare and contrast sea voyages then and now. To find out about Neil Armstrong and his role in space exploration. To find out how space exploration led to new technology. To compare and contrast life in the 1490s and 1960s. To investigate modern explorers.	The Great Fires of London and Warwick To understand where and when the Great Fire of London started. To understand the events of the Great Fire of London. To explore how we know about the Great Fire of London. To find out why the fire spread so quickly and stayed alight for so long. To explore how the Great Fire of London affected the city and the lives of those who experienced it <i>To understand the events of the Great Fire of Warwick.</i>	Castles To understand the events leading to Norman rule in England. To know about different types of castles and their features. To describe the roles people had in a medieval castle. To compare life in Norman Britain to life today. To learn about the Tower of London and how it has changed over time. To research a castle in our local area.
Art	Yayoi Kusama To learn about who Yayoi Kusama is. To experiment with different techniques for creating polka dots. To recreate a piece of artwork using collage. To create a 3-D form from clay using the rolling technique. To use paint to recreate a painting in the style of Kusama's pumpkins.	Self Portraits To investigate famous self-portraits. To use collage to create a self-portrait. To investigate the different kinds of sketching pencils. To investigate different paints. To create our own self-portrait. To create a self-portrait from clay.	Andy Goldsworthy To sort items by material and colour. To use a variety of materials to create paths and walls. To select materials and make spirals or circles. To manipulate materials when creating sculptures. To use reflections in art work.
DT	Sensational Salads	Vehicles and Mechanisms To investigate a variety of vehicles and their uses and features.	Fabric Bunting

	To explain that the food they eat can be split into different groups and know they should eat a balance of foods, including fish, to have a healthy and varied diet. To use the basic principles of a healthy diet to prepare dishes and start to understand why it is healthy. To follow a simple recipe. To work with some independence to correctly use measuring spoons, zesters and juicers when preparing dishes. To understand that fruit and vegetables are grown in different places and that fish is caught	To investigate wheels, axles and chassis To be able to investigate ways of creating and decorating the body of a vehicle. To be able to design a vehicle. To be able to make a vehicle based on a design. To be able to evaluate a finished product.	To judge existing products on a simple scale and say what they like and dislike about the design of existing products. To use a graphics program to create a simple design and repeat and fill images to create an appealing design Demonstrate some accuracy when cutting around a fabric shape. To demonstrate how to create a running stitch. To create a seam. To choose appropriate fabric to add decoration.
Music	Pulse, Rhythm and Pitch Learning about Orchestras	Inventing a Musical Story Recognising Different Sounds	Exploring Improvisation End of Year Performance
Computing	Computing systems and networks Creating media	Programming Data and Information	Creating Media Programming
P.E.	Netball skills Hockey skills Dance - perform dances using simple movement patterns.	Gymnastics Tennis skills	Tennis skills Cricket skills
PSHE	What is a Family? Safe Spaces and Boundaries Protective Behaviours (<i>Warwickshire Taking Care Project</i>)	Being Healthy Asking for Help Protective Behaviours (<i>Warwickshire Taking Care Project</i>) recap	The World of Work Being Me Yasmin & Tom – RSE programme Protective Behaviours (<i>Warwickshire Taking Care Project</i>) recap
R.E.	Is it possible to be kind to everyone all of the time? Why do Christians believe that God gave them the world.	Taking part in Baisakhi The Blitz	Who is God to Sanitanis Rama and Sita