









Year 2 Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
History 	Dinosaurs and Discovery Children will think about when dinosaurs were alive and what a palaeontologist does. They will think about how dinosaurs looked and what they ate, linking learning to habitats in Science. They will learn about the Jurassic Period and what life was like for dinosaurs? They will think like historians and find out how we know so much about dinosaurs and this period in history, including how dinosaurs became extinct. Finally, they will find out who was Mary Anning and why is she famous?		Great Fire of London Children learn about how the Great Fire of London started and why it spread. They learn how Samuel Pepy's diary helped historians to understand what happened. They find out how London changed after the Great Fire and what important buildings were rebuilt.		Explorers and Adventurers In this unit children will consider places that we could explore – space, oceans, polar regions, deserts. They will learn about significant explorers, building on what they remember about Bessie Coleman and Neil Armstrong. They will learn about Ernest Shackleton and Mae Jemison. They will consider why they were significant and what impact they had on our lives today.	
Geography 		All Around The World – Exploring the Seven Continents In this unit children will travel around the world, learning about the different continents. They will be able to order continents by land size and population and know the names of some of the countries in each continent. They will learn about the north and south hemisphere and the equator and climate in different parts of the world.		Under the Sea In this unit children will learn about the five oceans that we have on Earth. They will be able to locate the oceans, building on their knowledge of continents earlier in the year. They will learn about the depths of the oceans and the different layers. They will be learning about marine animals that live in the oceans and will think about why we need to protect our oceans.		Journey to Zambia Contrasting Locality Study – village of Mugurameno In this unit children will be able to locate Zambia on a map. They will compare and contrast living in Mugurameno to living in Waltham Forest. They will compare the use of water in both localities, looking at the River Zambezi and water in their local area. They will look at physical and human differences between the two areas.
Science 	Living Things and their Habitats Explore and compare the differences between things that are living, dead, and things that have never been alive Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other Identify and name a variety of plants and animals in their habitats, including microhabitats Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food		Use of Every Day Materials Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching		Plants Observe and describe how seeds and bulbs grow into mature plants Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy	Animals, including humans In this unit, the children will notice that animals, including humans, have offspring which grow into adults. They will find out about and describe the basic needs of animals, including humans, for survival. The children will also describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene
Art/DT 	Art - Formal Elements Exploring three of the formal elements of art: shape, line and colour, children will mix and paint with secondary colours; use circles to create abstract compositions and work collaboratively to create a class piece of art inspired by water.	DT – Textiles Pupils use a simple running stitch to join two pieces of fabric together, designing a pouch , which they can decorate.	Art -Sculpture and Mixed Media Children will create sculpture, pop art and learn how to draw facial features to portray different emotions, all through the topic of comic superheroes and with inspired by the works of Roy Lichtenstein.	DT - Cooking and Nutrition Through their exploration of what makes a balanced diet, children taste test foods and make a healthy wrap.	Art - Human Form Exploring how bodies and faces are portrayed in art: looking at the work of a number of artists, using their bodies to form shapes, creating collages, drawing portraits and creating a peg figure	DT – Mechanisms After learning the terms; pivot, lever and linkage, children design a moving monster using a linkage mechanism.
R.E. 	Who is Jewish and what do they believe? This investigation enables pupils to think about what might be found in a Jewish home and how these objects link to the Jewish way of life. There is a focus on the mezuzah, the belief in one God, Shabbat and Chanukah.	How and why do we celebrate special and sacred times? This investigation enables pupils to learn in depth from different religious and spiritual ways of life about Easter and Pesach (Passover) and Eid-ul- Fitr. Through art, drama and music the significance of these celebrations to believers is explored focussing on story, symbol and particular celebrations.	Who is a Christian and what do they believe? This unit enables pupils to begin to understand what Christians believe about God and about Jesus as the Son of God. This unit looks at stories about Jesus and stories that Jesus told. Teaching in this unit will help pupils to understand that	Who is a Muslim and what do they believe? This investigation enables pupils to learn in depth from Islam, finding out about Muslim ways of life and beliefs, so that pupils can develop thoughtful ideas and viewpoints of their own about some religious and spiritual questions	What can we learn from sacred books? This investigation enables pupils to find out about sacred books from more than one religion. It builds upon work from unit F1 (Which stories are special and why?). Pupils will focus on the Bible and the Qur'an.	How should we care for others and the world, and why does it matter? This investigation enables pupils to learn in depth from different religious and spiritual ways of life about caring for other people and for the world. Through studying Bible stories, the lives of believers such as Dr Barnardo, Mother Teresa, the Jewish practice of Tzedakah and Sukkot

			Christians see God as Father and Creator and Jesus as the Son of God and an inspiration to Christian people.			celebrations pupils learn about how beliefs turn into actions for many religious and non-religious people.
PSHE 	Keeping Safe/Staying Safe Who can I talk to : Support Networks	Keeping/Staying Healthy, Feelings and Emotions Healthy Eating Brushing Teeth Anger Worry	Being Responsible Helping Someone in Need	Our World/The Working World Living in Our World	Relationships Growing and Changing Computer Safety Body Language Bullying Image Sharing Computer Safety	Hazard Watch: World Without Judgement Is it safe to eat or drink?
Computing 	What is a computer? Children explore what a computer is, learning about inputs and outputs, how computers are used in the wider world and designing an invention.	Algorithms and debugging Identify problems with code using both 'unplugged' and 'plugged' systems to debug (identify and correct) errors in an algorithm	Word Processing Using their developing word processing skills, pupils write simple messages to friends and learn why we must be careful about who we talk to online	Programming: Scratch Jr Using 'ScratchJr', pupils programme a familiar story and an animation, make their own musical instruments and follow an algorithm to record a joke.	Stop Motion Pupils create simple animations, storyboarding their ideas then decomposing it into small parts of action to be captured.	International Space Station Building on their understanding of how computers sense the world around us, pupils learn how data is collected and used to keep astronauts safe on the I.S.S.
Maths 	Number: Place Value (3 weeks) Number: Addition and subtraction (5 weeks) Measurement: Money (2 weeks) Number: Multiplication and Division (1 week) 1 Week consolidation		Number: Multiplication and Division (4 weeks) Statistics (2 weeks) Geometry: Properties of Shape (3 weeks) Number: Fractions (3 weeks)		Measurement: Length and Height (2 weeks) Geometry: Position and Direction (2 weeks) Consolidation and problem solving (2 weeks) Measurement: Time (2 weeks) Measurement	