

Curriculum Planning Grid Y4 2020-2021

	Science	CCL	Discrete Units	Computing	Music	P.E	R. E	RESPECT
Aut 1	<p><u>Sound</u> – Children research and investigate how sounds are made, different sounds from different objects, pitch and volume and how sound travels.</p>	<p><u>Rainforests</u> Art – animal art – Shading and sketching with pencils and using oil pastels for colour.</p> <p>Art – Leaf art. Colour printing using pastels and wax.</p> <p>Geography – locating world rainforests on a map, compare physical and human features in local area to rainforest and drawing a map of Woodhouse thinking about size and proportion.</p>		<p><u>Online Safety (Purple Mash 4.2):</u> Discuss and sign the Acceptable Use Policy. Children will understand how to stay safe online and understand that information online leaves a digital footprint. Children will identify the positive and negative influences of technology on health and the environment.</p> <p><u>Coding (Purple Mash 4.1):</u> Children will understand and use key coding vocabulary. Children will design, sketch and create a storyboard using coding programming.</p>	<p>Charanga: Mamma Mia</p> <p>The children will listen to and appraise music by Abba. They will begin to learn about the elements in music and use the correct vocabulary to describe music.</p>	<p>Indoor: Dance (Rainforest) – Children compose and perform a dance routine to represent different aspects of the rainforest. Skills: movement, transition, levels, speed and different gestures.</p> <p>Outdoor: Basketball Children will learn and develop ball skills such as: ball handling, dribbling and different types of passing.</p>	<p><u>How are important events remembered in ceremonies ?</u></p> <p>Children will explore festivals of light from Judaism, Sikhism, Hinduism, Paganism, Chinese New Year, Ancient Civilisations. Children will consider how some festivals use light as a representation of hope, joy, remembrance and reflection.</p>	<p><u>Caring friendships</u></p> <p>Children will learn about the importance of healthy friendships and their characteristics and how to recognise people they should trust.</p> <p><u>Respectful Relationships</u></p> <p>Children will learn about the different types of bullying, including cyber bullying.</p>

<p>Aut 2</p>	<p><u>Sound</u> – Children research and investigate how sounds are made, different sounds from different objects, pitch and volume and how sound travels.</p>	<p><u>Rainforests Art</u> – Drawing and sketching (creating shades and textures using different pencils). Chn draw leaves using a range of different pencils.</p> <p><u>Geography</u> – Locating South America on the world map and then locating the countries in South America and linking this to the Amazon Rainforest, Amazon river and mountains in SA. Chn study deforestation and vegetation belts.</p>		<p><u>Coding (Purple Mash 4.1):</u> Children will understand and use key coding vocabulary. Children will design, sketch and create a storyboard using coding programming.</p> <p>Multiplication practice using TT Rockstars and Purple Mash.</p>	<p>Charanga: Mamma Mia</p> <p>They will clap rhythms from the songs and begin to learn how to write notes using notation. The children will learn about the composer Vivaldi.</p>	<p><u>Indoor: Zumba</u> Chn will observe and then perform a range of Zumba routines. Chn will create their own Zumba routine to perform and evaluate.</p> <p><u>Outdoor: Hockey</u> Chn will develop a range of skills such as dribbling, passing and shooting.</p>	<p><u>What faiths are shared in our country?</u></p> <p>This unit looks at different places of worship in the local and wider community and their significance to believers.</p>	<p><u>Internet Safety and harms</u> Children will that the internet can also be a negative place where online abuse, trolling, bullying and harassment</p>
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<p>Spr 1</p>	<p><u>Living Things and their habitats-</u> Chn will use classification keys to group and identify living things in the local and wider environment. They will construct and interpret food chains using scientific vocabulary and explore the environmental changes and dangers on living things.</p>	<p><u>DT</u> Creation of a lever-based interactive product for children based on setting and objects found in WW2.</p> <p><u>Monarchs History –</u> Bayeux Tapestry William the Conqueror: 1066 Battle of Hastings</p> <p>Henry VIII – history of the church</p> <p>Queen Elizabeth I and power struggle with Mary Queen of Scots.</p> <p><u>Art</u> Chn use pencils and a range of sketching and shading techniques to draw facial expressions (Queen Elizabeth I).</p>		<p><u>Coding (Purple Mash 4.1):</u> Children will understand and use key coding vocabulary. Children will design, sketch and create a storyboard using coding programming.</p> <p><u>Spreadsheets (Purple Mash 4.3)</u> Children will use spreadsheets to add formulae and explore formatting cells. This will include adding timers and buttons, line graphs and calculations for budgeting and place value.</p>	<p>Charanga: STOP! (Anti-bullying rap)</p> <p>Chn to listen to and appraise STOP and a range of other songs in this style. Chn compose their own lyrics to the song and then perform (speaking) and evaluate.</p>	<p><u>Indoor: Dancing through the decades</u></p> <p>Children will learn a variety of dance moves from different time eras and perform this in pairs.</p> <p><u>Outdoor: Orienteering</u> Children will use maps of the school ground and local area to locate different points. Children will design their own orienteering course.</p>	<p><u>SPRING 1 and 2 How do the five pillars guide Muslims?</u></p> <p>The unit of study includes work on Muslim beliefs and practices, including the belief in Allah and the importance of the Prophet Muhammad (peace and blessings be upon him). It expands and develops learning about the Five Pillars of Islam as a way of focusing on key beliefs for Muslims.</p>	<p><u>Mental wellbeing</u></p> <p>Children will learn that isolation and loneliness can affect children and that it is very important for children to discuss their feelings with an adult and seek support. Children will also learn where they can seek support if it is needed.</p>
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<p>Spr 2</p>	<p><u>Animals (including humans)-</u> Chn will identify teeth and functions. Chn also build on prior knowledge learnt about the digestive system and describe each function.</p>	<p>SPRING 2 and SUMMER 1 <u>Romans History –</u> Chn will study the eruption of Mount Vesuvius and the effect on Pompeii. Chn will also study why the Romans invaded and Roman weaponry.</p> <p><u>Geography</u> Chn draw and label a map of Ancient Italy and Roman Britain.</p> <p><u>ART</u> Chn use charcoal and oil pastel to show contrast of a volcano before and after an eruption.</p>	<p><u>DT (Cooking)-</u> Children will prepare and create a salad dish that was traditionally created in the Roman time era. Children will look at why and how this dish was used and the ingredients that were available to the Romans.</p>	<p><u>Writing for different audiences (Purple Mash 4.4)</u> Children will explore how font size and style can affect the impact of a text. Children will create their own newspaper thinking about their target audience.</p>	<p>Charanga: STOP! (Anti-bullying rap) Children will clap rhythms from the songs and begin to learn how to write notes using notation. The children will continue to learn about the composer Vivaldi.</p>	<p>Indoor: Gymnastics Chn perform a sequence of balances, travelling and rolls. Using this, chn create a gymnastics routine.</p> <p><u>Outdoor: Tennis</u> Children will learn and develop skills such as: controlling and holding the ball, serving, a range of swings and hitting or passing to a target.</p>		
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<p>Sum 1</p>	<p><u>States of matter-</u></p> <p>Chn will compare and group materials into solids, liquids and gases. Through investigation, they will observe changes of state. Using scientific vocabulary, chn will explore and describe the water cycle.</p>	<p>SPRING 2 and SUMMER 1</p> <p><u>Romans History –</u></p> <p>Chn will study the eruption of Mount Vesuvius and the effect on Pompeii. Chn will also study why the Romans invaded and Roman weaponry.</p> <p><u>Geography</u></p> <p>Chn draw and label a map of Ancient Italy and Roman Britain.</p> <p><u>ART</u></p> <p>Chn look at a range of Roman Mosaic and design and create their own.</p>		<p><u>Logo and animation (Purple Mash 4.5 & 4.6)</u></p> <p>Children will learn about the structure and function of a logo and use 2logo to design and create their own.</p> <p>Children will learn how animations are created by hand and then sketch, design and create their own animation including backgrounds and ‘stop motion’ animation.</p>	<p>SUMMER 1 and 2</p> <p><u>Charanga: Blackbird</u></p> <p>Chn will listen to and appraise ‘Blackbird’ and a range of other songs by the Beatles. The children will study the lyrics of the song, improvise with instruments and perform and evaluate.</p>	<p><u>Indoor:</u></p> <p>Gymnastics: Children will focus on movements that develop their strength and flexibility producing a routine that include a sequence of balances linked by a variety of travels performed at different speeds.</p> <p><u>Outdoor:</u></p> <p>Cricket: Children will learn and develop skills such as: catching, throwing, bowling the ball, batting and fielding in preparation for mini games of cricket.</p>	<p>SUMMER 1 AND 2</p> <p><u>Why are Gurus at the heart of Sikh beliefs and practices?</u></p> <p>This unit explores the concept of ‘guru’ in Sikhism as an introduction to Sikh religious belief and practice.</p>	
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Sum
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Electricity-

Chn will identify electronic appliances and consider potential dangers. Chn will construct a simple circuit and explore whether a circuit is complete or not. Chn will investigate conductors.

Volcanoes & Earthquakes

Art – Using paint and charcoal, chn create an image of an erupting volcano in the style of Andy Warhol.

Geography

Chn learn about and explore volcanoes and earthquakes – how they are formed and the impact that they have.

DT - Electricity

Chn will design and create a working lighthouse using electronic components.

Effective Searching (Purple Mash 4.7)

Children will learning to locate information from a search results page and understand how to assess whether an information source is reliable.

Hardware investigators (Purple Mash 4.8)

Children will begin to understand the different components that make up a computer and be able to recall this.

Indoor: Circuits

Children will understand the importance of a warm up and cool down. Children will understand the difference components of a circuit (Core strength, cardio and lower body strength) and use this to create their own.

Outdoor: Athletics

Children will practice and develop a range of skills including Javelin, shotput, target throw, hurdles and relay racing.