

Year Group	Term	Theme	Theme Title	No.of weeks	Trip	Parental Engagement
4	Spring 2	STEM	Building bridges and making connections, Flight of the bees, The Seasons	7	We are the Curious	N/A
<b>Launch</b>		<b>Explore</b>		<b>Energise</b>		<b>Celebrate</b>
Tech day		Real life problems		Book theme		STEM day

### Skills covered

IT	Design Technology	Art	Drama	Geography	Other
<p>Ict23 Capture, record and analyse data using sensors in order to support observations and investigations</p> <p>Ict26 Use ICT to exchange ideas and collaborate with others remotely</p> <p>Ict25 Use a variety of ICT tools to create, refine and present work in a variety of ways</p> <p>Ict28 Use features of layout, presentation and organisation in print and on screen</p> <p>Ict29 Use editing skills for visual effects</p> <p>Ict22 Use key words to search for and select appropriate information from the internet and other digital sources</p>	<p>Dt28 Use research to inform their design</p> <p>Dt30 Evaluate work, adapting and improving through the views of others to improve their work</p> <p>Dt31 Communicate design ideas in different ways e.g. discussion, annotated sketches, cross-sectional diagrams and prototypes</p> <p>Dt32 Select from and use a range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</p> <p>Dt33 Join and combine materials and components accurately in temporary and permanent ways</p> <p>Dt34 Measure, mark, cut out and shape a range of materials and assemble, join and combine components and materials with increasing accuracy</p>	<p>Ar66 Modelling and Sculpting Show an understanding of shape, space and form</p> <p>Ar67 Modelling and Sculpting Plan, design, make and adapt models using a variety of materials</p> <p>Ar68 Modelling and Sculpting Talk about their work, understanding that it has been sculpted, modelled or constructed</p> <p>Ar51 Printing Research, create and refine a print using a variety of techniques</p> <p>Ar52 Printing Explore resist printing including marbling and silkscreen</p> <p>Ar54 Find out about artists, architects and designers</p> <p>Ar64 Printing Select broadly the kinds of material to print with in order to achieve the desired effect</p>	<p>Dr24 Explore vocabulary and movement and then select appropriately to match the person, place and time required by a story or situation</p> <p>Dr25 Observe and suggest improvements to their own and others' work</p> <p>Dr26 Perform sustained improvisations for a given purpose, experimenting with voice, gesture, costumes and staging</p> <p>Dr27 Communicate their work as part of a group, learning lines and sharing the different functions needed to present the play e.g. making and using props effectively, creating sound effects or operating simple lighting effects</p> <p>Dr28 Implement improvements based on evaluations</p> <p>Dr29 Adopt, sustain and develop a range of roles for different purposes using a range of dramatic conventions</p>	<p>Ge35 Identify where significant places are located in the UK, Europe and the wider world</p> <p>Ge36 Observe and appreciate the relationship between the physical, built and economic and social environments</p> <p>Ge37 Identify how different ways in which people live around the world sometimes have consequences for the environment and the lives of others from local to global scales</p> <p>Ge38 Use appropriate geographical vocabulary in communicating findings</p> <p>Ge40 Describe, compare and offer reasons for their views</p> <p>Ge41 Interpret information from different types of atlases, globes, maps and plans at a range of scales</p> <p>Ge42 Use secondary sources of information and ICT as part of investigations</p>	N/A

Day 1 Making Connections & Bridging the Gaps	Day 2 Flight of the Bees	Day 3 The Seasons	Day 4 Science day	Day 5 Science trip	Technology Day	Book day
<p><b>Section 1:</b> WOW start Chn to use sketchers to create a watercolour bridge painting. Chn to add to their CC cover page (Mini Quiz) (TWT)(KG) (Mini quiz)</p> <p><b>Section 2:</b> Investigate different types of bridges. Read the fact sheet and highlight key information (DT op) (Seesaw)(KG-)(TWT)</p> <p><b>Section 3:</b> Paper arch bridge making <b>in teams and then chn to test their bridge to see which bridge can hold the most weight.</b> (DT)</p> <p><b>Section 4:</b> Chn to create a design sheet for their bridge. (SS)(DT)</p>	<p><b>Section 1:</b> Bee detectives activity (Mini Quiz)WOW start BEE MOVIE- different roles of the bee. What do we know about bees? Why do we need bees? CHn to collate information about bees. Chn to act the pollination process. (Plickers what do you know already) (mini quiz) KG circle map (Honey products for WOW start)</p> <p><b>Section 2:</b> Chn to make an animation about the importance of bees for the pollination process.</p> <p>Record on see saw</p> <p><b>Section 3: TWT CHn to research and answer the question: Are bees important?</b></p>	<p><b>Section 1:</b> (mini Quiz) (Where is their birthday in the year- what activities do you do) KG about seasons- Tree map (opposite sides of the world different seasons) Twt- key point activity for seasons chn to research the science of seasons Kg- multi flow map cause and effect of seasons Mini quiz seasons</p> <p><b>Section 2: Angle of the earth and its effect on the seasons experiment.</b> Investigate angles of the earth using torches and whiteboards</p> <p><b>Chn to find out how the angel fo the earth</b></p>	<p><b>Lucy to plan WO- scientific write up</b></p>	<p><b>Bristol trip WO recount of the Bristol trip</b></p>	<p><b>Section 1:</b></p> <p><b>Kahoot quiz Own classrooms Technology day review</b></p> <p>Children to create an animation of animals in school.</p> <p>App: Animate It!</p> <p><b>Section 2:</b> What organs do we share with animals?</p> <p>Children to research the organs of an animal and then compare to the human body. Children could collate their findings on SeeSaw or puppet edu.</p> <p>Section 3: Key note app (instructions on SMART in folder)</p> <p>Children to create their own portrait.</p>	<p><b>The Vanishing rainforest</b></p> <p><b>Section 1:</b> Wow start: google maps investigate rainforests around the world using google map Chn to use a world map and colour in rainforests around the world Why are rainforests important chn to investigate deforestation kg- circle map Twt- interrogate the text</p> <p><b>Section 2:</b> Chn to find out about products with palm oil and the effect this has on rainforests in Sumatra Chn to</p> <p><b>Section 3:</b> Write a non chron based about the rainforests.</p>

	<p><b>Section 4: Extended writing task:</b> Create a persuasive letter explaining to the local council how important it is to preserve bees. (WO)</p> <p>Section 5: Design and make bee print</p>	<p><b>affects the temperature on Earth. Chn to link this learning to the seasons.</b> Maths link- Graph to display results</p> <p><b>Section 3:</b> Research Andy Warhol Chn to sketch and design a 4 seasons print for their tiles.</p> <p><b>Section 4:</b> Making the panel Chn make a polystyrene tiles for each part of the season and then print onto the paper to create a 4 seasons print.</p>			<p>e-safety link: not to put our real photos online. This could be our profile picture etc.</p> <p><b>Section 4: Ashley Brown workshop</b> 16x laptops</p> <p>Microbits</p> <p><b>Section 5:</b> Print photos of animal habitats Children to experiment with using the different painting tools to copy the picture.</p> <p>The children should particularly experiment with the watercolour paintbrush.</p> <p><b>Section 6:</b> Print photos from QUIVER app and then children colour then bring to life the animals in the pictures using the quiver app.</p>	<p>Section 4: Chn shown Henri Rousseau jungle paintings then Chn to create their own pencil or painted versions.</p>
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