

YEAR 3/4	CYCLE A	BLOCK 2
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	Aims, Attainment Targets and Guidance	Suggested teaching sequence
Phase 1	<b>SCA3: Light</b>	
	<ul style="list-style-type: none"> <li>recognise that they need light in order to see things and that dark is the absence of light</li> <li>notice that light is reflected from surfaces</li> <li>recognise that light from the sun can be dangerous and that there are ways to protect their eyes</li> <li>recognise that shadows are formed when the light from a light source is blocked by an opaque object</li> <li>find patterns in the way that the size of shadows change.</li> </ul>	<p>Know we need light to see → explore the Sun as a light source and identify the difference between night and day → investigate what shadows are and why they are formed → investigate how shadows behave → investigate how the size of shadows change throughout the day → explore how light is reflected from surfaces.</p>
phase 2	<b>REA2: Diwali</b>	
	<ul style="list-style-type: none"> <li>acquiring knowledge and understanding of religious stories, sacred texts, lifestyles, rituals and symbolism that offer insight into religious experience and living within a faith community.               <ul style="list-style-type: none"> <li>learn about the events and meanings in the story of Rama and Sita</li> <li>learn about the Diya and why it is important in the Diwali story.</li> <li>learn about some of the preparations for Diwali.</li> <li>To find out about Lakshmi and how Hindus celebrate Diwali at home.</li> </ul> </li> <li>To explore and create Mehndi patterns.</li> </ul>	<p>Investigate how light hold religions significance for many → learn about the events and meanings in the story of Rama and Sita → learn about the diya and its importance in the Diwali story → learn about preparations for Diwali → find out about Lakshmi and how Hindus celebrate Diwali at home.</p>
Phase 3	<b>REA1: Hindus, Home and Mandhir</b>	
	<ul style="list-style-type: none"> <li>acquiring knowledge and understanding of lifestyles, rituals and symbolism that offer insight into religious experience and living within a faith community.</li> <li>Distinguish the similarities and differences between worshipping at a Mandir and at home.</li> </ul>	<p>Learn about important aspects of Hindu beliefs in God → identify characteristics of Hindu gods and goddesses → understand shrine are special in a Hindu home → research puja → explore the Mandhir →</p>
Phase 4	<b>AA1: Rangoli Patterns</b>	
	<ul style="list-style-type: none"> <li>To explore the history and styles of Indian painting.</li> <li>To learn about the purpose of creating Rangoli patterns</li> <li>To explore and create Rangoli patterns.</li> <li>understand what symmetry is and how to make a symmetrical patter</li> <li>use colours and patterns to represent the Indian culture</li> </ul>	<p>Explore the art displayed during the Indian elephant festival → explore the Indian block-printing technique. → explore and create rangoli patterns.</p>
Phase 5	<b>DTA1: Light up signs / DTA2: Greeting cards</b>	
	<ul style="list-style-type: none"> <li>use research (investigate and analyse a range of existing products) and develop design criteria to inform the design of appealing products that are fit for purpose.</li> <li>generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</li> <li>select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately</li> <li>evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</li> <li>Explore why greeting cards are sent at times of celebration.</li> <li>Create greeting cards for Diwali and Christmas.</li> </ul>	<p>Reflecting on previous learning, explore why people may want light up signs → investigate and analyse illuminated signs → understand how LEDs may be used instead of traditional incandescent bulbs in series circuits → develop ideas for a decorative illuminated sign → select and use tools, equipment, materials and components to make the enclosure of a decorative illuminated sign → construct a working circuit with one or more lights, and fit it in a decorative illuminated sign. Create Diwali greeting cards → discuss other greeting cards for this time of year → design and make Christmas cards</p>

Phase 6	<b>REA3: Christmas Journeys</b>	
	<ul style="list-style-type: none"> <li>• acquire knowledge and understanding of religious stories and sacred texts that offer insight into religious experience and living within a faith community.</li> <li>• appreciate the human and religious questions that are raised by life and its experience             <ul style="list-style-type: none"> <li>○ learn about the importance of Bethlehem to Christians and to find out what a pilgrimage is.</li> <li>○ find out about some of the key features of the nativity story.</li> <li>○ find out how religious ideas can be expressed through music and art.</li> </ul> </li> <li>• learn about how the emotions of the people in the story are the same emotions as people have today.</li> </ul>	<p>learn about the importance of Bethlehem to Christians and to find out what a pilgrimage is → find out about Mary and Joseph’s journey to Bethlehem → find out about Mary and Joseph’s journey to Bethlehem → find out how religious ideas can be expressed through music and art →</p>