



Year 4 Topic 5 Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Science States of Matter	To be able to compare and group solids, liquids and gases	To know the effects of heating and cooling	To understand evaporation and condensation	To understand the water cycle	To investigate the rate of evaporation	To demonstrate knowledge of changes in state
Vertical links	To identify materials and explain their suitability for a given purpose	To know how the shapes of objects can be changed				
Horizontal links				To name the parts of a river To name and describe some key aspects of rivers To name and describe some key features of rivers		
History						
Vertical links						
Horizontal links						



Geography Mountains and The Water Cycle	To know what a mountain is and to be able to identify them on maps	To understand the different types of mountains and how they are formed	To know and describe key features of mountains	To understand the water cycle and its features	To understand the impact of mountains on weather patterns	To know the key features of mountains and the water cycle
Vertical links	To know some of the physical geography of Campania To know some of the physical features of Campania compared to Yorkshire and the Humber		To name and describe some key features of rivers To name the parts of a river	To name the parts of a river To name and describe some key aspects of rivers To name and describe some key features of rivers		To name and describe some key features of rivers To name the parts of a river
Horizontal links				To know the effects of heating and cooling To understand evaporation and condensation To understand the rate of evaporation	To describe the conditions associated with winter, spring, summer and autumn	To know the effects of heating and cooling To understand evaporation and condensation To understand the rate of evaporation
Art and Design Drawing – Landscapes	To understand how to create different effects with a pencil	To make careful observations of drawing techniques	To make careful observations of trees	To understand that a range of techniques can be used for effect	To explore ideas for a landscape drawing	To produce own landscape drawing
Vertical links	To understand the effects of using different amounts of paint To know that different pencils create different effects To understand which pencils are best for which parts	To make careful observations	To know how to draw 3D shapes To understand perspective To understand how to show light on 3D shapes To make careful observations		To explore ideas for a sculpture	To produce their own printing block To produce a woven piece of art
Horizontal links					To explore the local environment	To explore the local environment



Design Technology Textiles – Applique	To explore different cushion designs	To know how to add appliques and cross stitch to material	To design a purposeful and functional cushion	To decorate fabric with appliques and cross stitching	To decorate fabric with appliques and cross stitching	To evaluate their cushions based on set success criteria and the opinions of others
Vertical links	To research different biscuits and their recipes	To adapt the recipe followed for a biscuit	To use research to develop a design for a slingshot car	To adapt the recipe followed for a biscuit	To adapt the recipe followed for a biscuit	To evaluate their biscuits based on the design brief To evaluate their slingshot car based on the success criteria
Horizontal links		To understand how to weave To understand how to weave with wool		To understand how to weave To understand how to weave with wool	To understand how to weave To understand how to weave with wool	
Religious Education Islam – Beliefs about God and Celebrations	To recall key facts about Islam	To know how Muslims mark and/or celebrate Ramadan	To know what Muslims believe about Allah (God)	To know how and why Muslims use different names for Allah	To know what the Qur’an teaches Muslims about Allah	To demonstrate learning about Allah
Vertical links	To know that Muslims follow Allah To know how Muslims worship To know and explain some key features of mosques	To know why Diwali is important to Hindus To know why Christians celebrate Christmas To know how Christians celebrate Christmas, baptism and their beliefs	To know that Muslims follow Allah To know what Christians believe about God	To know that Muslims follow Allah	To know that Muslims follow Allah To know why and how Muslims perform pilgrimage. To know that Mecca is a key pilgrimage	To know that Muslims follow Allah To know why and how Muslims perform pilgrimage. To know that Mecca is a key pilgrimage
Horizontal link						
Computing						
Vertical links						
Horizontal links						



<p>Physical Education Tennis</p> <p>Striking and Fielding</p>	<p>To decide whether to use an underarm or overarm throw depending on distance of target</p> <p>To retrieve a ball and return it to a wicket</p>	<p>To remain well-balanced when moving to catch a ball</p> <p>To learn three tips for hitting a cricket ball</p>	<p>To catch a high ball with two hands before it bounces</p> <p>To hit a drop fed ball with a cricket bat</p>	<p>To hit a self-feed with a racket after one bounce</p> <p>To choose the correct throw for different distances</p>	<p>To hit a forehand shot towards a target</p> <p>To bowl a ball underarm at a wicket</p>	<p>To move to return the ball from a bounce feed on the forehand side</p> <p>To demonstrate correct technique for hands when close catching and deep field catching</p>
<p>Vertical links</p>	<p>The use of an under arm or over arm throw</p>	<p>To remain well-balanced when catching a ball</p>	<p>To be able to catch a ball before it bounces</p> <p>To hit a ball with a cricket bat</p>	<p>To hit a ball with a racquet</p> <p>To perform correct techniques when throwing a ball</p>	<p>To use a forehand shot in tennis</p>	<p>To return a moving ball with a forehand shot</p> <p>To demonstrate the correct technique when catching a ball</p>
<p>Horizontal links</p>						
<p>PSHE Relationships</p>	<p>To recognise situations which can cause jealousy in relationships</p>	<p>To identify someone they love and express why they are special to them</p>	<p>To talk about someone they know that they no longer see</p>	<p>To recognise how friendships change, know how to make new friends and how to manage when they fall out with their friends</p>	<p>To understand what having a boyfriend / girlfriend might mean and that it is a special relationship for when they are older</p>	<p>To know how to show love and appreciation to the people and animals who are special to them</p>
<p>Vertical links</p>	<p>To understand that their actions affect themselves and others' feelings</p>	<p>To understand what is special about them and the ways that they are unique</p> <p>To recognise their self-worth</p> <p>To know how to express their appreciation to their friends and family</p>		<p>To identify how groups come together to make decisions and the role they each may play</p> <p>To understand that their actions affect themselves and others' feelings</p>	<p>To recognise when people are putting them under pressure and ways to reduce this</p>	<p>To know that everyone's family is different and important to them</p> <p>To know how to express their appreciation to their friends and family</p>
<p>Horizontal links</p>	<p>To infer a character's thoughts and feelings</p>					



Music Guitars	To explain likes and dislikes and experience of music	To learn the names for parts of a guitar and play three open strings	To be aware of changes in metre and learn some musical terms	To sing a wider range of notes	To sing the pitch of the guitar with a rhymical pattern and play Folksong on the guitar	To recognise a speed in which a piece is played with skips and steps
Vertical links	To give an opinion		To know how to hold a guitar and use the correct finger positioning		To internalise and copy back a rhymical pattern	To follow a tempo
Horizontal links						
MFL Feeling Unwell and Jungle Animals	To name body parts and describe illness	To have a conversation about illness	To understand the names of jungle animals	To understand a story about jungle animals	To describe jungle animals	To write about jungle animals
Vertical links	To know body parts	To know how to describe illness		To know jungle animals	To know adjectives	
Horizontal links						