

### Year 5 Topic 3 Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Science</b>						
<b>Vertical links</b>						
<b>Horizontal links</b>						
<b>History</b> Vikings	To understand the chronology of the Vikings	To compare housing through time	To understand how resources were used in Viking war	To understand the Viking battles	To understand the importance of trading during the Viking period	To describe the importance of the Vikings
<b>Vertical links</b>	To be able to place the Romans, Anglo Saxons and Scots on a timeline To describe dates of, and order, significant events from the Stone Age To be able to place the Indus Valley, Bronze and Stone Ages on a timeline	To describe similarities and differences between how the Romans and Anglo Saxons lived	To describe a change in Anglo Saxon history	To give reasons why there may be different accounts of history	To understand how mining has developed through the use of metals	
<b>Horizontal links</b>	To order numbers					
<b>Geography</b>						
<b>Vertical links</b>						
<b>Horizontal links</b>						
<b>Art and Design</b>						
<b>Vertical links</b>						
<b>Horizontal links</b>						

<b>Design Technology</b> Mechanisms – cam toys	To research different products that use cam mechanisms	To use research and develop design criteria to inform the design of moving toys with cam mechanisms that are fit for purpose	To create a cam mechanism	To create a cam toy based on previous evaluation	To create a cam toy based on previous evaluation	To evaluate their cam toy based on design criteria
<b>Vertical links</b>	To research different car chassis and understand how they work	To use research and develop design criteria to inform the design of a slingshot car		To create a slingshot car that uses a chassis	To create a slingshot car that uses a chassis	To evaluate spaghetti Bolognese
<b>Horizontal links</b>	To understand how mechanisms work				To evaluate a piece of artwork	
<b>Religious Education</b> Hinduism – religious practices	To know how Hindus express their beliefs through the ways they live their lives	To know what is expected of Hindus who have committed themselves to Hinduism	To know how Hinduism is practiced and passed on in families	To know how Hinduism is practiced and passed on in communities and how Hindus make a difference to their community	To know how beliefs on life after death influence the way Hindus lead their life	To know how Hindus express their beliefs through the ways they live their lives
<b>Vertical links</b>	To know what a Hindu's purpose in life is	To know how Christians express their beliefs in the way they live their life		To know what Karma is and its importance to Hindus	To know what Hindus believe about life after death To know what Christians believe about life after death	To know how Christians express their beliefs in the way they live their life
<b>Horizontal link</b>	To be aware of their own culture					
<b>Computing</b> Flat File Database	To use forms to record information	To compare paper and computer-based databases	To outline how you can answer questions by grouping and then sorting data	To explain that tools can be used to select specific data	To explain that computer programs can be used to compare data visually	To use a real-world database to answer questions
<b>Vertical links</b>	To create a branching database		To identify the attributes needed to collect data about an object	To explain why it is helpful for a database to be well structured		
<b>Horizontal links</b>						

<b>Physical Education</b> Handball	To send and receive under pressure	To select skills to move towards goal, away from defenders and create space	To combine attacking skills to create shooting opportunities	To use defensive skills to gain possession	To defend as a team, deny space and gain possession	To apply rules, tactics, skills and principles to play in a tournament
Gymnastics	To perform symmetrical and asymmetrical balances	To perform interesting symmetrical and asymmetrical balances using apparatus	To develop the straight, forward, straddle and backward roll	To develop the straight, forward, straddle and backwards roll into a sequence	To explore different travelling actions using both canon and synchronisation	To explore different methods of travelling, linking actions in both canon and synchronisation
<b>Vertical links</b>	To continue to send and receive under pressure To continue to develop balance	To continue to develop attacking skills To continue to develop balance	To continue to develop attacking skills To continue to develop rolls	To continue to develop defending skills To continue to develop rolls	To continue to develop defending skills To continue to develop traveling skills	To continue to develop skills used in a tournament
<b>Horizontal links</b>						
<b>PSHE</b> Dreams and Goals	To understand that people need money to help them achieve some of their dreams	To understand how people earn money and to appreciate the contributions made by people in different jobs	To identify a job they would like to do when they grow up and understand what motivates them and what they need to do to achieve it	To describe the dreams and goals of young people in a culture different to their own	To understand that communicating with someone in a different culture means they can learn from them	To understand why people are motivated to make a positive contribution to supporting others
<b>Vertical links</b>	To know how to set personal goals		To know how to set personal goals	To empathise with people in this country whose lives are different to their own To make a comparison between their life and with people in the developing world	To understand that cultural differences sometimes cause conflict	
<b>Horizontal links</b>	To understand vocabulary relating to money	To understand vocabulary relating to money				

<b>Music</b> Make You Feel My Love	To learn to sing the song "Make You Feel My Love"	To play the notes C and D on a glockenspiel to accompany the song	To play a recorder using the notes C, A, G and B	To improvise with the song 'Make You Feel My Love'	To compose a simple melody using simple rhythms (3 or 5 notes)	To perform the song, "Make You Feel My Love"
<b>Vertical links</b>		To know the notes C and D	To know the notes C, A, G and B	To know improvisation	To know how to compose a piece of music	To know how to perform using their strengths
<b>Horizontal links</b>						To perform poetry
<b>MFL</b> Healthy Eating	To recall the names of fruit and vegetables	To talk and write about fruit and vegetables	To gather information about fruit and vegetables	To ask the cost of fruit and vegetables	To carry out a shopping conversation	To understand and follow instructions
<b>Vertical links</b>	To know masculine and feminine "Ein and Eine"			To know numbers	To know fruits and vegetables	To know numbers and fruits
<b>Horizontal links</b>	To name fruits and vegetables	To name fruits and vegetables To understand nutritional values of food		To understand vocabulary related to money		