

Year 6 Topic 4 Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Science Evolution, Inheritance and Adaptation	To know living things inherit characteristics from their parents	To know how animals adapt to their environment over time	To know how plants adapt to their environment over time	To understand that we can learn about the past from fossils	To understand that species have evolved over time	To demonstrate knowledge of inheritance, adaptation and evolution
Vertical links	To know how animals and plants reproduce	To know that there are different environmental regions in the world and some of their features			To know how fossils are made	
Horizontal links		To know there are different biomes in the world				
History Bletchley Park – A Local Study	To describe the significance of Bletchley Park on British history	To investigate the significance of the Bletchley Bombe	To explore the changes in the role of women during the war	To evaluate historical evidence to choose the most reliable forms	To understand how families were impacted by WW2	To describe the significance of Bletchley Park
Vertical links	To be able to place the historical events at Bletchley Park in a chronological order	To research the Bombe Machine from WW2 To use a timeline to place important changes in radio technology To use a timeline to place important developments in the telephone To explore the chronology of computing	To give reasons why there may be different accounts of history	To give reasons why there may be different accounts of history	To give reasons why there may be different accounts of history	To be able to place the historical events at Bletchley Park in a chronological order
Horizontal links					To have knowledge of evacuation from reading Goodnight Mr Tom	To identify I.T. and how its responsible use improves our world in school and beyond



Geography						
Vertical links						
Horizontal links						
Art and Design Colour – watercolours	To know how to use watercolour paints	To be able to colour mix	To know how to create different effects	To use watercolour techniques to recreate a painting	To explore ideas for a painting	To create own painting in the style of Ozu Egonu
Vertical links	To apply colour with a range of tools (small and large paintbrushes)	To colour mix and match: tint, tone, shade To observe colours (naming more specific shades) To make colour wheels To name all the colours (colours of the rainbow + black, white, grey and pink) To know how to mix colours (learn how to make orange, green and purple from primary colours)	To know the vocabulary: hue (naming more precise colours e.g. claret, marine, canary) To make as many tones of one colour as possible (using white) To darken colours without using black (experimenting with different amounts of primary colours)	To use colour for purposes To colour match with greater accuracy To be able to colour mix and colour match to paintings	To create initial sketches as a preparation for painting (light sketching)	
Horizontal links						
Design Technology						
Vertical links						
Horizontal links						



<p>Religious Education Christianity – how Christians respond to global issues</p>	<p>To know why Christians celebrate Lent</p>	<p>To explore the significance of Maundy Thursday</p>	<p>To know why Christians celebrate Easter</p>	<p>To know how Christians respond to global issues of human rights</p>	<p>To know how Christians respond to global issues of the environment</p>	<p>To know how Christians express their beliefs</p>
<p>Vertical links</p>	<p>To know how and why Christians celebrate their personal commitment to their faith To know how a Christian’s beliefs about Jesus makes a difference to their everyday lives To know how and why Christians celebrate important time in the life of Jesus To know why the Bible and biblical stories are important/sacred to Christians To know why the story of Jesus is so important to Christians</p>	<p>To know why worshipping together is important to Christians To know how churches are used for worship To know how and why Christians celebrate important time in the life of Jesus To know why the Bible and biblical stories are important/sacred to Christians To know why the story of Jesus is so important to Christians</p>	<p>To know what Christians believe about life after death To know why they have these beliefs about life after death To know how a Christian’s beliefs about life after death might affect the way they live their life To know how and why Christians celebrate new life To know how churches are used for worship To know how and why Christians celebrate important time in the life of Jesus To know why the Bible and biblical stories are important/sacred to Christians To know why the story of Jesus is so important to Christians</p>	<p>To know how Christians express their beliefs through the way they live their lives To know how a Christian’s beliefs about Jesus makes a difference to their everyday lives To know how a Christian’s beliefs about the Holy Spirit makes a difference to their everyday lives To know how Jesus influences and inspires Christians To know how Christians use the bible to learn about God, human life and the world To know how writings and teachings about God, human life and the world from Christians throughout the ages help Christians now To know what Christians believe in when treating other people To know what Christians believe about how people should live with others To understand why Hindus respond to global issues</p>	<p>To know how Christians express their beliefs through the way they live their lives To know how a Christian’s beliefs about Jesus makes a difference to their everyday lives To know how a Christian’s beliefs about the Holy Spirit makes a difference to their everyday lives To know how Jesus influences and inspires Christians To know how Christians use the bible to learn about God, human life and the world To know how writings and teachings about God, human life and the world from Christians throughout the ages help Christians now To know why Christians believe they should care for the world To understand why Hindus respond to global issues</p>	
<p>Horizontal link</p>						



Computing Sensing movement	To create a program to run on a controllable device	To explain that selection can control the flow of a program	To update a variable with a user input	To use a conditional statement to compare a variable to a value	To design a project that uses inputs and outputs on a controllable device	To develop a program to use inputs and outputs on a controllable device
Vertical links	To use a block-based programming language to explore count-controlled and infinite loops when creating a game	To explore selections in programming to design and code an interactive quiz		To explore conditions and selections using a programmable microcontroller	To identify that digital devices have inputs, processes and outputs	
Horizontal links						
Physical Education Outdoor Adventurous Activities Hockey	To be able to direct a partner accurately around a course To improve dribbling, passing, and receiving	To use clear instructions to safely guide a partner across obstacles To demonstrate improvement in the skills of possession	To be able to recognise landmarks on a map To create tactics within a game	To listen and work effectively as a group to complete challenges To use self and peer assessment	To work cooperatively with a partner by showing trust To hold a hockey stick correctly	To remember, repeat and follow a sequence of instructions To understand how to change the direction of the ball using the correct part of the stick
Vertical links	To be able to pass and receive with increased control in basketball		To choose when and where to pass the ball to another player	To create a group phrase using opposing action words		To create a group sequence to include both unison and canon moves
Horizontal links	To write a set of instructions	To write a set of instructions To program a simple device with an algorithm	To explore 4-figure grid references	To discuss and explore roles in a group To evaluate a product		To create an algorithm in Scratch



PSHE Healthy Me	To take responsibility for their health and make choices that benefit their health and well-being	To know about different types of drugs and their uses and their effects on the body, particularly the liver and heart	To understand that some people can be exploited and made to do things that are against the law	To know why some people join gangs and the risks this involves	To understand what it means to be emotionally well and explore people's attitudes towards mental health or illness	To recognise stress and the triggers that cause this and understand how stress can cause drug and alcohol misuse
Vertical links	<p>To know what makes a healthy lifestyle and the different roles food can play in people's lives</p> <p>To be motivated to keep themselves healthy and happy</p> <p>To know how exercise affects their bodies and why their hearts and lungs are such important organs</p> <p>To know that their bodies are complex and need taking care of and respect their bodies and appreciate what they do</p> <p>To know that the amount of calories, fat and sugar that they put into their bodies will affect their health and recognise what it feels like to make a healthy choice</p> <p>To know what their body needs to stay healthy</p> <p>To know why healthy snacks are good for their bodies and how to make some healthy snacks</p> <p>To know the difference between being healthy and unhealthy and know some ways to keep healthy</p> <p>To know how to make healthy lifestyle choices</p>	<p>To know the health risks of smoking and how smoking tobacco affects the lungs, liver and heart</p> <p>To know the facts about smoking and its effects on health and some of the reasons why some people start to smoke</p> <p>To know that there are different types of drugs and identify how they feel about drugs</p> <p>To know how medicines work in their bodies and that it is important to use medicines safely</p> <p>To know that medicines can help them if they feel poorly</p>	<p>To know that there are things, places and people that can be dangerous and know a range of strategies to keep themselves safe</p> <p>To know when something feels safe or unsafe</p> <p>To know about people who can keep them safe</p>	<p>To know that there are leaders and followers in groups and that they can take on different roles according to the situation</p> <p>To identify the feelings of anxiety and fear associated with peer pressure and know ways to resist when people are putting pressure on them and what they think is right and wrong</p> <p>To know about people who can keep them safe</p>	<p>To identify ways to keep themselves calm in an emergency</p> <p>To know what relaxed means and what makes them feel relaxed or stressed</p>	<p>To know some of the risks linked to misusing alcohol, including antisocial behaviour</p> <p>To know some of the reasons some people drink alcohol and know the facts about alcohol and its effects on health, particularly the liver</p>
Horizontal links	<p>To understand the impact of exercise and diet on the body</p> <p>To understand the impact of diet, exercise and lifestyle on the body and circulatory system</p>	<p>To know and understand the main parts of the circulatory system</p> <p>To understand the impact of drugs and alcohol on the body system</p>				<p>To understand the impact of drugs and alcohol on the body</p>



Music You've Got a Friend	To learn to sing the song "You've Got a Friend"	To play notes C, D, E and F on a glockenspiel to accompany the song You've Got a Friend (medium part)	To play a recorder to accompany the song using notes C and D (medium part)	To improvise with the song, You've Got a Friend using instruments	To compose with the song, You've Got a Friend using a 3-note set	To perform the song "You've Got a Friend"
Vertical links		To know the notes C, D, E and F on a glockenspiel	To know the notes C and D on a recorder	To know what improvisation is	To know what composition is	To know how to play and sing using the correct technique
Horizontal links						
MFL At the Funfair	To understand funfair ride nouns and give our opinions	To use funfair vocabulary to play a board game	To describe funfair rides using adjectives	To plan and describe a new theme park	To talk about my favourite things	To write about our favourite things
Vertical links	To know "I like or dislike"	To know numbers	To know and use conjunctions	To know how to use a bilingual dictionary	To know how to say my favourite animal/sport	To know English traditions
Horizontal links						