Chestnuts PRIMARY SCHOOL

Inspiring Futures through Learning

Year 6 Topic 3 Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Science Electricity	To recognise and use scientific circuit symbols	To understand and explain the effects of differing voltages in a circuit	To compare how components function in an electrical circuit	To understand the work of a scientist	To apply their electrical knowledge	To demonstrate their electrical knowledge
Vertical links	To use components to make simple circuits	To make predictions about circuits	To understand how switches work		To identify appliances that run on electricity	To demonstrate an understanding of simple electrical circuits and their components
Horizontal links	To use a key (symbols)	To understand units of measure		To explore the work of an artist		
History						
Vertical links						
Horizontal links						
Geography						
Vertical links						
Horizontal links						
Art and Design Form	To evaluate existing art	To learn how to manipulate materials	To learn how to carve materials	To use manipulation techniques to recreate a sculpture	To explore ideas for a sculpture	To apply learned skills
Vertical links	To evaluate existing art	To use joining techniques to recreate a sculpture	To know how to join materials	To use joining techniques to recreate a structure	To explore ideas for a sculpture	
Horizontal links	To evaluate a product	To use joining techniques				

Design Technology Electrical Systems	To research different fairground rides	To use research and develop design criteria to inform the design of a fairground ride that is fit for purpose	To create a motor for a fairground ride	To develop a fairground ride that is functional and appealing	To develop a fairground ride that is functional and appealing	To evaluate our fairground ride based on existing products and design criteria
Vertical links	To use research and develop design criteria to inform the design of moving toys with cam mechanisms that are fit for purpose	To use research and develop design criteria to inform the design of moving toys		To create a moving toy with a cam mechanism	To create a moving toy with a cam mechanism	To evaluate their cam toys based on design criteria
Horizontal links		To compare how components function in an electrical circuit	To compare how components function in an electrical circuit		To evaluate existing art	
Religious Education Hinduism – how Hindus respond to global issues	To understand what Karma is	To understand the principle of Ahimsa	To understand and discuss what Hindus believe about animals	To contribute to class discussions	To express my opinion in a respectful way	To understand why Hindus respond to global issues
Vertical links	To know what Karma is and its importance to Hindus	To know what Hindus believe about life after death	To know how Hindu beliefs are expressed through symbols To know what Hindus believe about God	To know what is expected of Hindus who have committed themselves to Hinduism	To know how beliefs on life after death influence the way Hindus lead their life	
Horizontal link	To understand how our actions can affect others		To identify problems in the world that concern me and talk to other people about them	To discuss issues and opinions	To express an opinion	
Computing						
Vertical links						
Horizontal links						

Physical Education Gymnastics Handball	To develop the straddle, forward and backward roll To use attacking skills to maintain possession under pressure	To develop counterbalance and counter-tension To select the appropriate skills to create space, move towards goal and away from defenders	To develop jumps and explore the effect of height To select and apply the appropriate skill to score goals	To develop inverted movements with control To use defending skills to prevent an opponent from scoring	To use flight from hands to travel over apparatus To use appropriate defensive techniques for the situation	To create a group sequence using formations and apparatus To apply rules, skills, and principles to play in a tournament
Vertical links	To continue to develop rolls To continue to develop attacking skills	To continue to develop counter-tension To continue to develop attacking skills	To continue to develop jumping skills To continue to develop attacking skills	To continue to develop defending skills	To continue to develop defending skills	To continue to develop the knowledge of how to create a sequence To continue to develop skill used in a tournament
Horizontal links						
PSHE Dreams and Goals	To understand why it is important to stretch the boundaries of their current learning	To work out the learning steps they need to take to reach their goal and understand how to motivate themselves to work on these	To identify problems in the world that concern them and talk to other people about these	To work with other people to help make the world a better place	To describe some ways in which people can work with each other to help make the world a better place	To know how we can make a difference to the world: big and small
Vertical links	To understand how to face new challenges positively and knows how to set personal goals	To identify their goals for the year, understand personal fears and worries about the future and know how to express these	To understand their own wants and needs To understand their rights and responsibilities as a citizen of the country and empathise with people in this country whose lives are different to their own	To understand that communicating with someone in a different culture means they can learn from each other		
Horizontal links			To know how Hindus respond to global issues		To understand how Hindus are influenced and live by the examples of others	

Music A New Year Carol	To listen and appraise "A New Year Carol"	To learn and sing verse one and chorus of "A New Year Carol"	To learn and sing verse two and chorus of "A New Year Carol"	To learn verse three of "A New Year Carol"	To sing "A New Year Carol" in small groups	To perform "A New Year Carol"
Vertical links	To know how to express ideas using musical terminology					To rehearse and perform the song according to individual strengths
Horizontal links						
MFL Playing and Enjoying Sport	To understand sport nouns	To give an opinion on sports liked and disliked	To create extended sentences about sports	To identify parts of the verb "spielen"	To describe a sport using simple sentences	To demonstrate understanding of topic
Vertical links	To know cognates, semi cognates and non-cognates	To know "Ich mag, Ich mag...nicht and mein lieblingssport ist..."			To know how to utilise the German dictionaries	
Horizontal links						