

Key Knowledge Overview

Term: Autumn 2

Topic: Strong and Mighty

Year: 5

Subject	Key Knowledge	Rag rated at end of unit
Science	To know air resistance slows things down To know the effect of gravity on an object with mass To know water resistance To know that arrows can be used to show the direction of forces To know that a lever and pulley can be used to reduce the applied force to move an object	
History	N/A	
Geography	To know the 8 points of a compass To know how locate specific places using a range of maps (digital/atlas)	
Art and Design	N/A	
Design Technology	To know how design, create, evaluate a 3D model with a variety materials To know how to create a working electric circuit for the model	
RE	To know the impact of life changing experiences on the founders of key religions <ul style="list-style-type: none"> • To explore The Buddha's life story • To understand The middle way To be able to explain The Noble Eightfold Path <ul style="list-style-type: none"> • To know that Guru Nanak was the founder of Sikhism • To learn about Guru Gobind Singh and the formation of the Khalsa • To understand the five K's and the turban 	
Computing	To know how to protect ourselves online To know how to detect false websites/ apps online To know how images can be manipulated online <p style="text-align: center;">Unit: 4.4 – Writing for different audiences.</p> <ul style="list-style-type: none"> • To explore how font size and style can affect the impact of a text. • To use a simulated scenario to produce a news report. To use a simulated scenario to write for a community campaign.	
MFL	To know vowel and letter sounds To understand spellings can according to nouns To translate songs	

	To know how to structure sentences	
PE	<p>To know how to use invasion skills to a range of games To apply strategies for defensive in game situations</p> <p style="text-align: center;">Swimming -</p> <ul style="list-style-type: none"> · swim competently, confidently and proficiently over a distance of at least 25 metres · use a range of strokes effectively [for example, front crawl, backstroke and breaststroke] · perform safe self-rescue in different water-based situations. <p style="text-align: center;">Outdoor Adventurous Activities</p> <ul style="list-style-type: none"> · take part in outdoor and adventurous activity challenges both individually and within a team · to work as a team for a number of challenges <p style="text-align: center;">to take risks and identify what challenges ourselves</p>	
PHSE	<p>To know there are similarities and differences in people To know how to deal with bullying and discrimantions</p>	
Music	<p>To know how to play the tune/head To know how to improvise using instruments To know how read sheet notes and apply to a range of instruments</p>	