



Year:	4	Topic:	What if you had to climb a mountain?
NC Objectives:	Geography <ul style="list-style-type: none"> describe and understand key aspects of physical geography - mountains Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied Identify the position and significance of Equator, Northern Hemisphere, Southern Hemisphere, Arctic and Antarctic Circle 		

Links to Prior Learning

- Y1 – Antarctica – Where is it?
- Y1 – What if you got lost at sea?
- Y2 – What if you lived in India?
- Y3 - What if the ground started to move?
- Y3 – What if you lived in a different country?

Knowledge	Key Vocabulary
<ul style="list-style-type: none"> • To understand the composition of the earth: crust, mantle and core. • To begin to understand what a mountain is and how the 5 types of mountain are formed • The difference between a mountain and a mountain range. • Locate mountains and mountain ranges across the world and the highest peaks in each of the 7 continents. To identify to which mountain range they belong and which countries the ranges are in. • Identify mountains in UK. • The terms 'snowline' and 'treeline'. • Significance of the Equator and the Tropics and identify their positions. • Name and locate the continents and countries in which the Alps and the Andes are found. • Physical features of the Alps and the Andes. • Describe some key features of both mountain ranges (including the highest peak). • Use an atlas to identify the countries within which the Himalayan mountain range runs. • Begin to identify some of the tallest peaks of the Himalayas, and in which country they belong. • Mountain climates and how altitude affects living conditions • We breathe oxygen from the air and that there is less oxygen at high altitude. • To consider the achievements of mountaineers such as Sir Edmund Hillary and Tenzing Norgay. • Use maps and atlases to find the Kumaon region of the Himalayas. • Seasons and weather experienced in the UK and begin to consider the difference with the weather in the Kumaon region. • The effect of the weather on life in the UK and compare this to life in the Kumaon region. • Similarities and differences between your life and the lives of children living in the Kumaon. 	<p>fold mountain, fault-block mountain, dome mountain, volcanic mountain, plateau mountain.</p> <p>Mountain range</p> <p>Height</p> <p>Contour, altitude, peaks, slopes.</p> <p>Plate tectonics</p> <p>Crust, mantle, core</p> <p>alley, foot, slope, summit, snow line, tree line, outcrop, face, ridge, peak, plateau.</p> <p>climate, forecast, average</p> <p>tourism, positive, negative, economic, social, environmental.</p> <p>Himalayas, Mount Everest</p> <p>Andes, Aconcagua</p> <p>Alps, Mont Blanc</p> <p>Snowdon</p> <p>Pyrenees</p>