

Year 5 Autumn 1 Curriculum Map

Subject	Focus/Opportunities for learning
English 	Kensuke's Kingdom Narrative Writing - Setting Description, Character description and Diary writing Non-Fiction - Non-Chronological Report, Survival Guide, Recount and Interview
Maths 	Place Value Roman numerals to 1,000, Numbers to 1,000,000, Read and write numbers to 1,000,000, Powers of 10 10/100/1,000/10,000/100,000 more or less, Partition numbers to 1,000,000, Compare and order numbers to 1,000,000 Round to the nearest 10, 100 or 1,000 within 1,000,000 Addition and subtraction Mental strategies, Add whole numbers with more than four digits, Subtract whole numbers with more than four digits, Round to check answers, Inverse operations (addition and subtraction) Properties of shape Understand and use degrees, Classify and estimate angles, Measure angles up to 180°, Draw lines and angles accurately, Calculate angles on a straight line and around a point, Lengths and angles in 2D shapes, Regular and irregular polygons, 3-D shapes
Science 	Properties and changes of materials - compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets - know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution - use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating - give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic - demonstrate that dissolving, mixing and changes of state are reversible changes - explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda
Geography 	What is life like in the Alps? - Locate the Alps on a world map and identify and label the eight countries they spread through. - Locate three physical and three human characteristics in the Alps. - Research and describe the physical and human features of Innsbruck. - Use a variety of data collection methods including completing a questionnaire, mapping their route and recording their findings in sketches or photographs. - Compare the human and physical geography of their local area and Innsbruck. - Describe at least four of the key aspects of the human and physical geography of the Alps to answer the enquiry question, 'What is life like in the Alps?'
Computing 	Fun with AR – Information Technology - To improve the quality and presentation of my work using editing and formatting techniques. - To create a subject specific vlog and understand the potential risks of sharing content online. - To film and produce a short video with elements such as text, images, narration and music. - To create digital graphics and illustrations. - To understand how to create digital art using Apple's Keynote. To export graphics with a transparent background. Outcome: To import graphics into an app. - To use an AR content creation app. - To record audio and video to showcase an AR experience. To film and produce a short video. - To make a QR code that links to a piece of my own work

French 	La phonétique (Phonics & Pronunciation) Seasons • Recognise, recall and remember the 4 seasons in French. • Recognise, recall and remember a short phrase for each season in French. • Say which season is their favourite in French and attempt to say why using the conjunctions 'et' and 'car'.
D & T 	Design and build a survival shelter for our survival night. • To understand the properties needed for an effective survival shelter • To explore the best shape/design for maximum stability • To experiment with different materials and compare their suitability for building a shelter • To learn different methods/materials for building a shelter
RE 	Theme: Belief into action Key Question: How far would a Sikh go for his/her religion? Religion: Sikhism
PE 	Outdoor Adventurous Activities – Tuesday • To develop communication and negotiation skills. • To develop strong communication and negotiation skills to solve challenges. • To develop planning and problem solving skills. • To share ideas and work as a team to solve problems. • To develop navigation skills and map reading. • To create and follow a key and route on a map. Basketball - Thursday • To develop ways to move the ball and apply them to different situations. • To develop movement skills to lose a defender in different situations. • To communicate with my team, move into space and take the ball towards the goal. • To defend an opponent and know when to try to intercept. • To develop shooting and explore when to pass, dribble or shoot. • To use and apply skills, principles and tactics to a game situation.
PSHE 	Being me in the World (Jigsaw) • To identify my hopes for this school year. • To empathise with people in my country whose lives are different to my own. • To empathise with people in my country whose lives are different to my own. • To understand that my actions affect me and others. • To contribute to the group and understand how we can function best as a whole.
Music 	• To understand rhythm, beat & metre • To learn about simple time • To learn to play the recorder • To understand how to read music on the stave • To explore sound effects in classical music • To compose a seasonal soundscape using recorders & percussion