

CYCLE B KS3	
Term 3- Survival: Could You Survive?	
Overview- NATIONAL - Survival: Could You Survive?	
This project explores how humans survive in different environments and situations. Pupils investigate the science behind survival, the geography of extreme environments, emergency planning, decision-making and teamwork.	
Prior Knowledge	KS3 National Curriculum Objectives
Science (KS2) The basic needs of humans and animals for survival: ○ Food ○ Water ○ Air/oxygen ○ Shelter and suitable conditions • The importance of a balanced diet and how nutrients support the body. • The basic functions of the human body, including: ○ The digestive system ○ The circulatory system ○ Breathing and respiration • How living things are adapted to their environments. • How habitats provide the conditions needed for organisms to survive. Geography (KS2) The difference between physical and human geography.	Science (KS3) • Biology • Understand the structure and function of living organisms. • Explore how the human body maintains health and responds to environmental challenges. • Investigate nutrition, digestion, respiration, and the importance of water and energy for survival. • Explore adaptations of organisms to different environments. • Human survival needs: food, water, oxygen, shelter and warmth. • Effects of extreme environments on the human body. • Survival adaptations in humans and other organisms. • Health, nutrition and energy requirements. Geography (KS3) • Extend locational knowledge and understand geographical similarities, differences and links across places. • Understand physical geography, including climate, ecosystems, weather hazards and landscapes. • Understand how human and physical processes interact to influence environments. • Survival in deserts, polar regions, mountains, oceans and rainforests. • Climate and environmental challenges. • Natural hazards and disaster response. • How people adapt to extreme environments.

• How to use maps, atlases and basic grid references. • The location and characteristics of major world environments. • Basic features of: ○ Deserts ○ Rainforests ○ Mountains ○ Polar regions ○ Oceans • How weather and climate affect living things. • How humans adapt to different environments	
Key Skills	
• Problem solving • Collaboration and teamwork • Critical thinking • Research skills • Communication • Creativity • Decision-making • Applying knowledge to real-world situations Careers Links • Emergency services (Police, Fire & Rescue, Ambulance) • Armed Forces • Mountain Rescue and Coastguard • Outdoor education instructors • Environmental scientists • Conservation officers • Paramedics • Search and rescue teams • Expedition leaders	

PSHE Links	Key Vocabulary	Cross Curricular links (DT/RE)
- Develop resilience, teamwork and decision-making skills. - Understand how to manage risks and respond to challenges. - Leadership and teamwork activities. - Emergency preparedness. - Making decisions under pressure. - Building confidence and resilience.		History- Historical expeditions, exploration, famous survival stories, wartime rationing, evacuation, indigenous survival knowledge. Health/Diet/Nutrition- Balanced diet, food preservation, ration planning, safe food preparation, hydration and healthy eating. Mathematics- Scale and ratio, measuring distance, interpreting data, probability, budgeting survival supplies, graphs of weather and climate DT Shelter design, structural engineering, selecting materials, product testing, problem-solving, designing emergency equipment.
Quality Texts/Resources		

