

As readers and writers, we will be inspired by the high-quality text, 'Kensuke's Kingdom', by Michael Morpurgo, to write our own survival story and a guide to surviving. We will consider how we as authors can create & develop character and build atmosphere through setting. In addition, we will also explore how to guide a reader in an area of survival, linking our topic learning with effective use of non-fiction features of writing.

As mathematicians, we will begin the half-term by learning about factors, composite numbers and primes. We will then link this to learning about fractions, including equivalent fractions, mixed numbers and improper fractions, as well as calculating with fractions. Throughout all of our learning, we will seek to communicate like mathematicians, developing our reasoning skills and our resilience in problem solving contexts.

As athletes, we will be refining our sprinting techniques to run for short and long distances. We will explore running for speed in individual races, as well as running as part of a team. We will also develop tactics and communication skills in Outdoor education, using these in different survival themed scenarios.

Through our learning about education for safety, we will be learning about the importance of health relationships, getting enough sleep and how to improve sleep patterns. We also look at how to build emotional resilience healthy relationships, and how to cope with change.

How would you survive?

As computer scientists, we will be drawing upon our computing skills to create animations inspired by the lifecycle of a frog. We will make plasticine models and use simple stop motion animation techniques, including editing, to produce a short film.

As scientists, we start the unit by reflecting back on our knowledge of the parts of the plant that we learnt in Year 3. We look at asexual reproduction in plants including pollination, the lifecycle of insects (ladybirds), amphibians (frogs) and birds.

As geographers, we will be exploring the significance of longitude and latitude and how this affects day and night, as well as the significance of the Greenwich Meridian in relation to time zones. We will investigate where food comes from and map the global trade distribution of key natural resources. A fieldwork investigation will take us into Billingshurst where we will examine the local human and physical geography by observing and recording information which we will present in sketches and charts. Finally, we will explore the eight points of a compass and six-figure grid references, in relation to enable navigation and orienteering.

As musicians, we will look at the history of sea shanties and how they served a social purpose. We will sing and perform different types of sea shanties and consider tempo, dynamics and pitch use this to inspire our own compositions.

Key texts and complimentary reading:
'Survivors – Extraordinary Tales from the Wild and Beyond', by David Long
'Kensuke's Kingdom', by Michael Morpurgo.
'Explorers', by Katherine Rundel
'Running Wild', by Michael Morpurgo
'The Island at the End of Everything', Kiran Millwood Hargrave