

Science

Classification

Children will learn to classify plants and animals based on specific characteristics. They will describe how living things are classified into groups and learn about the Linnaean System of classification. Children will identify the characteristics of different types of animals and microorganisms. Children will learn how to describe and investigate helpful and harmful micro-organisms. They will classify organisms found in our local habitat by grouping them.

Working scientifically

Children will record data and results of increasing complexity using classification keys. They will plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. Children will take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings where appropriate. Children will report and present findings from enquiries, including conclusions, causal relationships and explanations.

French- Ma Ville

Children will recognise and use core language for places in town and compass directions. They will understand, use and respond to: *Qu'est-ce qu'il y a dans ta ville? Où habites-tu? Où vas-tu? Comment y vas-tu?* They will recognise and understand questions and answers about what children like/don't like to do in town. They will recognise the sounds and words introduced in previous levels and explore new sound patterns: nasal sounds un, om, in, im, ain, aim, an, am; une, ime, ine and compare J/G; gé /gi /j /g. They will recognise and use the alphabet A-J. They will recognise and use *aller*: je vais, tu vas with *au/à la* with *en* (+ transport). They will recognise and use a range of prepositions. in particular *près de*, *loin de*.

ART

William Morris - Wallpaper

Children will use sketch books to record observations and use them to review and revisit ideas. They will improve their mastery of art techniques, including drawing and painting with a range of materials including printing techniques. They will learn about William Morris in history.

AUTUMN 1 - 2017 Year 6



English

Writing Narrative writing

Children will write a single extended narrative or selection of shorter narratives on a single theme, e.g. autobiographical stories, each developing key narrative techniques. Children will write a descriptive diary entry based on their experiences at Kingswood.

Non-Chronological reports

Children will write a non-chronological report about mountains which is our Geography topic this term.

Reading

Children will learn how to draw inferences such as inferring characters' feelings, thoughts and motives from their actions and to justify their inferences with evidence. Children will be taught how to predict what might happen from details stated and implied.

Geography - Mountain Environments

Children will be able to name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including mountains and volcanoes) and land-use patterns; and understand how some of these aspects have changed over time. They will identify the position and significance of latitude, longitude, equator, northern hemisphere, southern hemisphere, the tropics of cancer and Capricorn, arctic and Antarctic circle, the prime/Greenwich meridian and time zones. They will use the eight points of a compass, four and six figure grid references, symbols and key to build their knowledge of the UK and the wider world. (Including the use of Ordnance Survey maps.) and describe features studied. Children will describe and understand key aspects of physical geography including mountains, volcanoes and earthquakes.

Maths

Children will develop their understanding of place value by multiplying numbers by 10, 100 and 1000. They will refine and use efficient methods to add, subtract, multiply and divide whole numbers and decimals. Children will develop their mental methods and apply their understanding of mathematical operations to solve multi-step problems. They will develop their reasoning skills by drawing mathematical models to support visualisation of problem and using a structured approach to tackle the problem.

Religious Education Buddhism

Children will learn about religious beliefs and practices. They will gain an understanding of sources of wisdom for followers of Buddhism and gain an understanding of Buddhism as a principle religion and world views. Children will be able to identify key facts about both Christianity and Buddhism. They will gain an understanding of how Buddhist beliefs are inspired by stories of Buddha and the stories that he told. Children will explore the Dalai Lama as a source of wisdom for Buddhists. They will consider how the Eightfold Path support Buddhist in following the Buddha's example.

Music

Children will develop and understanding of the history of music and learn about Michael Jackson's contribution to popular music. Children will play and perform using their voices and musical instruments with increasing fluency, control and expression.

Bringing Learning to Life Year 6 Isle of Wight Trip

Year 6 children will participate in a number of activities including: Fencing, Archery, Zipwire, Leap of Faith, Outdoor Climbing, Abseiling, Raft Building, Jacob's Ladder and Team Challenges. Children will overcome challenges and realise personal achievements. They will develop important life skills and grow with confidence. Activities will encourage bonding, team-work and relationships.

Physical Education

Rugby, Outdoor Adventurous Activity Challenges and Gymnastics – Counter balance and tension.

Children will learn to use running, jumping, throwing and catching in isolation and in combination. They will play competitive games, modified where appropriate for example, volleyball and rugby and apply basic principles suitable for attacking and defending. They will develop flexibility, strength, technique, control and balance. They will compare their performances with previous ones and demonstrate improvement to achieve their personal best. To take part in outdoor and adventurous activity challenges both individually and within a team. *They will engage in competitive sports and activities with other schools.*

Computing Computer Science - Coding.

Children will use sequence, selection and repetition in programs. They will work with variables and various forms of input and output. They will use logical reasoning to explain how some simple algorithms work. Children will learn how to detect and correct errors in algorithms and programs.

PSHE

Learning Behaviours and Mindset

Children will be able to recognise the importance of mindset in learning. They will learn how to develop a growth mindset to accelerate their learning. Children will have the opportunity to reflect upon and evaluate their own mindset. Children will develop a range of strategies to help them when they are stuck in their learning. They will gain an increasing understanding of the need to develop resilience when coping with challenge. Children will develop the skills to become independent in their learning in preparation for the next stage in their learning.