



Class	Key Vocabulary
<b>Red Class</b>	<p data-bbox="411 322 746 360"><b><u>Journey of a Letter:</u></b></p> <ul data-bbox="464 398 1425 763" style="list-style-type: none"><li>• To know that the village Post Office accepts letters and parcels to deliver to addresses around the world</li><li>• To know that letters can be put in red post boxes to be collected by a postperson</li><li>• To know that letters may need an address and stamp</li><li>• To know what 1<sup>st</sup>, 2<sup>nd</sup> class and airmail stamps do</li><li>• To know the value of British coins</li><li>• To know the story of the Jolly Postman, Hansel and Gretel, Jack and the Beanstalk, Little Red Riding Hood, Goldilocks and Cinderella</li><li>• To know the Zodiac story about Chinese New Year</li></ul> <p data-bbox="411 808 831 846"><b><u>Ourselves / All About Me:</u></b></p> <ul data-bbox="464 891 1409 1211" style="list-style-type: none"><li>• To know my family members</li><li>• To know positional language in relation to 'Rosie's Walk'</li><li>• To know how flour is made</li><li>• To know what makes a good friend</li><li>• To know the 5 senses of see, smell, touch, taste and hear.</li><li>• To know how that brushing teeth twice a day for 3-minutes keeps them healthy</li><li>• To know that we can measure our body parts in cubes and other non-standard units of measure</li></ul> <p data-bbox="411 1256 687 1294"><b><u>Nursery Rhymes:</u></b></p> <ul data-bbox="464 1339 1417 1630" style="list-style-type: none"><li>• To know what a rhyming word is and give examples</li><li>• To know at least five nursery rhymes and recall them - Hickory Dickory Dock, Humpty Dumpty, Polly Put the Kettle On, Grand Old Duke of York, Queen of Hearts and Old King Cole</li><li>• To know what ingredients go into jam tarts - flour, butter, eggs, fruit jam</li><li>• To know Dr. Seuss is a children's author</li><li>• To know Clarice Cliff is a ceramic artist</li></ul> <p data-bbox="411 1675 715 1713"><b><u>Growth &amp; Growing:</u></b></p> <ul data-bbox="464 1758 1385 1973" style="list-style-type: none"><li>• To know that plants need water, light and soil to grow</li><li>• To know that plants have basic parts such as a stem, leaf and roots</li><li>• To know that Mount Everest is the tallest mountain in the world</li><li>• To know that the Great Barrier Reef is in the Pacific Ocean and name two animals which live there</li><li>• To know the Sahara Desert is in Africa</li></ul>

## Sticky Knowledge

### "Knowing more, remembering more and connecting our learning"

- To know that Worcestershire is famous for growing pears, apples, strawberries and raspberries and that it is known as the 'Fruit Bowl' of England due to the River Severn's mineral rich flood plains
- To know that bees pollinate

#### Our Homes:

- To know that our school is in the village of Fernhill Heath in the parish of Hindlip
- To know that homes can be identified as detached, semi-detached or terraced
- To know about homes in different communities such as nomadic lifestyles, Gypsy Roma Travellers and different cultural traditions
- To know the story of the Three Little Pigs and how to make a puppet
- To know Gaudi was a famous Spanish architect and built La Sagrada Familia
- To know the different materials that homes are made from

#### Journeys:

- To know that Christians believe Mary and Joseph made a journey to Bethlehem and gave birth to a boy named Jesus
- To know the true meaning of Christmas and how this is celebrated around the world
- To know the story of Rama and Sita
- To know that Diya lamps and Rangoli patterns are used when Hindus and Sikhs celebrate Diwali
- To know Michael Rosen wrote 'Going on a Bear Hunt'

## Blue Class

#### What's in the Toybox?

- To know the names of some toys from the Victorian Era such as Thaumatrope and Zoetrope
- To know the names of some toys that are modern such as Lego, Kinetic Sand and hoverboards
- To know the teddy bear was first manufactured in 1902
- To know the similarities and differences between toys from the past and modern toys
- To know that a museum is a place where people go to see and learn about different things such as History, Art and Science
- To know the names of different materials and their properties such as plastic, metal, wood, glass and rock
- To know that an algorithm is a set of instructions that helps us do something step by step
- To know that in Winter the temperature drops, days are shorter, and nights get longer
- To know the weather associated with Winter.

## Sticky Knowledge

### "Knowing more, remembering more and connecting our learning"

#### Down at the Bottom of the Garden:

- To know that an ariel map is a bird's-eye view of the ground with objects on it like buildings and roads
- To know the human and physical features of our school garden
- To know the four countries of the UK and their capitals
- To know one wildflower and one common flower
- To know the parts of a plant - root, stem, flower, leaves and what their basic functions are
- To know that the signs of Spring are longer days, warmer weather and flowers blossoming
- To know the weather associated with Spring.
- To that Georgia O'Keefe is famous for painting detailed flowers and landscapes

#### Down in the Woods:

- To know that a weather forecast is a prediction of the weather will be like in a certain place at a certain time
- To know how the weather changes across the seasons.
- To know the four seasons of the year
- To know what the signs of Autumn are
- To know how to collect data about the weather using rain gauges and thermometers
- To know whether a tree is deciduous or evergreen, in Autumn.
- To know that Andy Goldsworthy is famous for creating art with natural materials such as leaves and rocks
- To know how to log on to a computer and save and open work
- To know the parts of a nativity story
- To know why Christmas is important to Christians

#### Long, Long Ago:

- To know what a Motte and Bailey castle is
- To know the key features of a castle
- To know what it was like to live in a castle long ago
- To know what a medieval banquet was like
- To know the similarities and differences between Queen Elizabeth and Queen Victoria
- To know Paul Klee was famous for his colourful paintings that featured shapes and symbols
- *To know the signs of Summer are warmer temperatures, sunshine, flowers blooming and animals coming out of hibernation.*
- *To know the weather associated with Summer*
- *To know the dangers of the sun and the ways to prevent them.*

#### Peculiar Pets:

- To know the basic human body parts
- To know when my birthday is
- To know my street name and the name of the town/ city I live in.
- To know what makes me sad, happy, grumpy, scared

## Sticky Knowledge

### "Knowing more, remembering more and connecting our learning"

	<ul style="list-style-type: none"><li>• To know what a carnivore, herbivore and omnivore is</li><li>• To know some common pets</li><li>• To know the five senses and the body parts they are associated with.</li><li>• To know the human and physical features of our local area</li><li>• To know that our school is in Fernhill Heath, Worcester</li><li>• To know that I must tell a teacher or parent if I feel unsafe on the internet</li><li>• To know that a self-portrait is a drawing or painting of themselves</li></ul> <p><b><u>We're all Going on a Summer Holiday:</u></b></p> <ul style="list-style-type: none"><li>• To know what people do at the seaside today</li><li>• To know what Victorian people did at the seaside</li><li>• To know similarities and differences between their own holidays and those in the past</li><li>• To know how to make an ice lolly</li><li>• To know that Gunta Stolzi is famous for her textile art</li><li>• To know how to weave paper strips to create a seaside mat</li><li>• To know a timeline is a line which shows when things happened</li><li>• To know if objects are transparent, translucent, or opaque.</li><li>• To know which material would be best to make a waterproof, floating boat.</li></ul>
<b>Yellow Class</b>	<p><b><u>Wild things:</u></b></p> <ul style="list-style-type: none"><li>• To know the features of a map - key/legend, compass, grid, title, direction</li><li>• To know the world's continents and oceans using an atlas</li><li>• To know the equator is an imaginary line around the middle of the Earth and is halfway between the North and South Poles</li><li>• To know the rainforest has four layers</li><li>• To know a fair test is when we do an experiment to find out something, but we have to make sure that we don't cheat or do anything that might change the result</li></ul> <p><b><u>Frozen Planet:</u></b></p> <ul style="list-style-type: none"><li>• To know the main countries which make up the Arctic Circle</li><li>• To know the main geographical features of the Arctic landscape such as glacier, mountain, coastline, sea ice, lake, valley and cliff etc.</li><li>• To know some Arctic and Antarctic animals</li><li>• To know how Arctic animals have adapted to service such as having large feet, thick fur, blubbery fat and oily skin coatings</li><li>• To know famous Arctic explorers such as Robert Falcon Scott, Sir Ernest Shackleton and Roald Amundsen</li></ul> <p><b><u>Land Ahoy:</u></b></p> <ul style="list-style-type: none"><li>• To know famous explorers such as Amelia Earhart, Dame Ellen MacArthur, Christopher Columbus, Henry Hudson, Sir Frances Drake and Sir Walter Raleigh</li></ul>

## Sticky Knowledge

### "Knowing more, remembering more and connecting our learning"

- To know Blackbeard was a famous Pirate and his ship was called Queen Anne's revenge
- To know the stages of the human life cycle
- To identify and use compass directions North, East, South & West
- To understand the work of the RNLI
- To identify key water safety advice

#### Australia:

- To know famous Australian landmarks and give facts about them
- To know where Australia is in relation to the world's seven continents and five oceans
- To know where the Great Barrier Reef is and identify the animals that live there
- To know different animal habitats in UK and Australia
- To know about water safety signs at the beach
- To know simple compass directions and begin to identify more advanced directions
- To know how Australia and the UK are different in terms of climate
- To know what the term 'aboriginal' means
- To know indigenous Australian animals
- To know the geographical similarities and differences of between Australia and the UK - weather, food, people and seasons

#### Fire & Fantasy:

- To know the fire spread very quickly because the houses were close together and made of wood
- To know London was infested with rats which spread the plague
- To know it began on 2<sup>nd</sup> September 1666
- To know a famous man called Samuel Pepys kept a diary of the events and that's one of the reasons we know so much about it
- To know the fire started in Pudding Lane in a bakery belonging to Thomas Farynor
- To know the monarch at the time was King Charles II, and he ordered the building to be pulled down

#### Changes:

- To know that Greta Thunberg is a world-famous climate activist
- To know that climate change describes a change in the average conditions — such as temperature and rainfall in a region over a long period of time.
- To know that global warming is when greenhouse gases are trapped under the Earth's atmosphere, raising global temperatures and causing
- To know that scientists believe global warming is primarily caused by human activities such as burning fossil fuels
- To know weather patterns of the UK and this has changed in relation to climate change
- To identify changes to the polar ice caps
- To know that Jane Perkins is famous for recycled art

## Sticky Knowledge

### "Knowing more, remembering more and connecting our learning"

- To know what seeds need to survive
- To know how to identify ways we can help the planet
- To know how to identify urban geography

#### Heroes:

- To know that Marie-Curie is one of the most influential scientists of all time and won a Nobel peace prize for her research in radioactivity
- To know that Rosa Parks and Martin Luther King were American civil rights activists who fought for equality
- To know that Mary Seacole and Florence Nightingale were famous during the Crimean War and are considered the founders of modern nursing
- To know that contemporary heroes such as Marcus Rashford and Malala Yousafzai have campaigned for children's rights in the 21<sup>st</sup> Century
- To know that Sir Isaac Newton developed his theory of gravity through watching an apple fall from a tree
- To know that pushes and pulls are examples of forces
- To know that magnets attract and repel and that they have north and south poles

#### African Adventures:

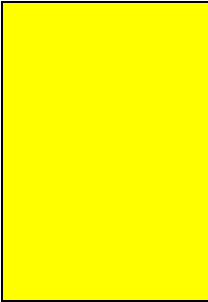
- To know that Kenya is a country in East Africa with a coastline on the Indian ocean
- To know Africa is one of the seven continents
- To know that the 'Big 5' animals are found in Africa. They are lion, leopard, rhinoceros, elephant and African buffalo
- To know the difference between a national park and a game reserve.
- To know that Mount Kenya is the highest mountain in Kenya
- To know that Africa is near the equator so it is very hot and humid
- To know the equator divides the hemispheres
- To know Nairobi is the capital city of Kenya
- To know that lake Victoria and the river tana are physical features that are found in Kenya
- To know that the Great Rift Valley is an enormous valley of mountains which runs from the north to the south of Kenya

#### Maasai Warriors:

- To know that The Massai Tribe live in Southern Kenya on the Massai Mara National Park
- To know that the Maasai Mara protects animals on the savannah of the Serengeti
- To know that The Massai Mara is named after the Maasai tribe who live there
- To know that The Maasai Mara is famous for its large amount of mammals which migrate each year
- To know that the Maasai Mara is famous for its large amount of wildlife including the famous 'Big 5'
- To know that the Maasai people traditionally live in mud huts made by the Maasai women and all live together
- To know that the Maasai people often live with their animals too

## Sticky Knowledge

### *"Knowing more, remembering more and connecting our learning"*

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- To know that Maasai men perform a jumping dance to show off to the women
  - To know that Nelson Mandela was a significant individual who was well known for his commitment to peace, negotiation and reconciliation
  - To know that Nelson Mandela led the fight against apartheid
  - To know that apartheid meant black people were kept separate from white people and had very few rights

## Sticky Knowledge

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### Orange Class

#### Egyptians

- To know that the Ancient Egyptian civilisation lasted for over 30 centuries between 3100 BC - 332 BC.
- To know that the Ancient Egyptians based their farming around the annual flooding of the river Nile. They invented a tool called a 'Shaduf' which helped people to raise and move water out of the river Nile to the land.
- To know that the Ancient Egyptians wrote in hieroglyphics, which they believe were invented by the gods.
- To know that the Pharaohs were the kings of Ancient Egypt. Tutankhamun was one of the most famous pharaohs.
- To know that The Ancient Egyptians preserved the bodies of important people through mummification.

#### Stone Age:

- To know that the Stone Age lasted from 15000 BC to 2500 BC.
- To know that in the early stone age, humans lived in caves and used animal skin for shelter.
- To know that humans learnt to farm during the stone age. They hunted animals and gathered fruit and nuts. By the end of the stone age, they learnt how to farm and grew wheat, maize, and barley.
- To know that stone age people discovered fire and made their own tools that were mostly made from stone. These included tools like stone clubs, bow and arrow, stone axe, stone knife and bone needles.
- To know that the stone age was divided up into three periods. These were: Palaeolithic - old stone age. Mesolithic- middle stone age. Neolithic- new stone age.

#### What did the Romans do for us?:

- To know the Roman Empire was the largest in the ancient world and spanned up to the equivalent of 50 countries today
- To know that the Ancient Greeks, Ancient Egyptians, Romans, Mayans and Celts all overlapped chronologically
- To know that Julius Caesar was probably the best-known Roman leader. He extended the empire by invading other lands to gain money and power.
- To know why Romans built roads and how they were made
- To know that Romans pioneered inventions such as mosaics, aqueducts, underfloor heating, newspapers and concrete.
- To know that Boudicca was a queen of the British Celtic Iceni Tribe who led an uprising against the occupying forces of the Roman Empire.
- To know The Romans invaded Britain in 43AD and ruled for around 400 years.

## Sticky Knowledge

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- To know that when the Romans came to Britain they helped us by creating roads; a written language (which was Latin); introducing coins, straight roads, laws and a legal system.

#### Bella Italia:

- To know that Rome is the capital of Italy
- To know that Italy has two mountain ranges Italian Alps, Dolomites and the Apennines
- To know that the ancient city of Pompeii was destroyed by Mount Vesuvius in 79AD
- To know that many of Pompeii's residents were preserved under a blanket of silver ash from the volcano
- To know that Mount Etna and Mount Vesuvius are famous volcanoes in Italy, as well as how they erupt
- To know that Michelangelo was a famous Italian Renaissance artist

#### Food Glorious Food:

- To know where different food comes from around the world, how it is imported and why
- To know where farms are in our local area of Claines / Fernhill Heath and identify what they grow
- To know how land temperature climate zones are used to produce food
- To know how land in a tropical climate is used to produce food
- To know the 'journey' of a banana and how it reaches our supermarkets
- To know what foods are grown in the UK and when their growing seasons are
- To know that land in tropical biomes is being changed to produce more food and link this to deforestation

#### If Animals Could Talk:

- To know that Madagascar is on the continent of Africa
- To know that Madagascar is the fourth largest island in the world and is a similar size to France
- To know many endangered animals live in Madagascar such as the lemur, aye-aye, Madagascan flying fox, sea-eagle and the flat tailed spider tortoise
- To know that Madagascar is one of the world's major weaving centres and know how to do it
- To know eight-point compass directions
- To know the difference between vertebrates and invertebrates and use a classification key
- To know what the climate is like in Madagascar, where it is located and which ocean it is in

## Sticky Knowledge

"Knowing more, remembering more and connecting our learning"

### Wonderful Water:

- To know the dangers of water, how to stay safe and how this relates to us around Droitwich canals and the River Severn
- To know major UK and World rivers - Severn, Avon, Wye, Thames, Amazon, Nile, Mississippi and Seine
- To know features and stages of a river such as mouth and estuary etc.
- To know how the water cycle works
- To know how rivers and canals were used in the past, paying particular attention to Birmingham, Droitwich and Worcester / trade.
- To know that the use of local rivers and canals have changed over time - Comparing trade and industry to tourism and recreation.
- To know that aerial photographs and satellite imagery can prove valuable at times of flooding - link to River Severn

### 100 Years of Hindlip:

- To know that Hindlip First School is more than 140 years old and compare school life to then and now
- To know that many local residents have attended Hindlip over the past 100 years and give examples of how life has changed in living memory
- To know that Edward Elgar was born 2.5 miles away and how he contributed to national and international achievements
- To know that historical sources can be categorised as primary and secondary and our knowledge of the past is formed through a range of sources
- To know how Hindlip Hall relates to the Gunpowder Plot
- To know the history of Hindlip Hall, and how the local area has changed over time
- To know how the school's logo links to the history of the local area

### Rainforests:

- To know that there are different layers of the rainforest and that different plants and animals have adapted to the condition in each layer
- To know that there are positive and negative effects of deforestation
- To know that Fairtrade protects the rainforest and the people who live and work there
- To know that 50-70% of all life forms on our planet live in the rainforest but the rainforests take up just 3% of the planets land mass
- To know an area the size of 40 football pitches is destroyed every minute
- To know that many things we have in our homes come from rainforests including: chocolate, sugar, rubber, bamboo and many medicines.
- To know rainforests are a powerful natural climate solution and regulate global temperatures

## Sticky Knowledge

### "Knowing more, remembering more and connecting our learning"

- To know the rainforest is home to many indigenous tribes and people. One of them is the Yanomami tribe.

#### In the Desert:

- To know that a desert is any large, arid area of land where little to no rainfall occurs, along with little vegetation
- To know that deserts can be found on every continent and are home to a large proportion of the Earth's population, despite harsher conditions
- To be able to name some of the main deserts in the world: Sahara Desert (Africa), Great Basin (North America), Patagonian Desert (South America), Antarctic Polar (Antarctica), Great Victoria (Australia), Arabian Desert (Asia) and the Arctic Polar (Arctic)
- To know that there are different types of desert, each being created in a different way : subtropical, coastal, rain shadow and polar deserts
- To know that deserts cover one-third of the Earth's surface
- To know that if a place receives less than 25 cm of rain annually, it is considered a desert
- To know that the Sahara Desert covers an area of Northern Africa similar to the size of the United States
- To know that polar deserts, like the Arctic and Antarctica, are also known as 'cold deserts' and 'frigid deserts'
- To know that even though it is incredibly hot in the day, the temperature of the Sahara Desert and other 'hot deserts' can drop to below freezing
- To know that humans have adapted to living in certain desert areas, creating innovative methods for extracting and collecting water from aquifers and snowmelt from the mountains
- To know that due to desertification, many plants and animals face extinction and that the Sahara Desert has grown over 10% in the last 100 years due to desertification
- To know that although deserts are incredibly dry they are one of Earth's main **ecosystems** and that they are home to a variety of plants and animals including cacti, hedgehogs, camels, fennec foxes, baboons and hyena to owls, ostriches, snakes and lizards. **Animals and plants have adapted to living in desert conditions**, for example, plants often have deep roots where they can store water

**Sticky Knowledge**

***"Knowing more, remembering more and connecting our learning"***