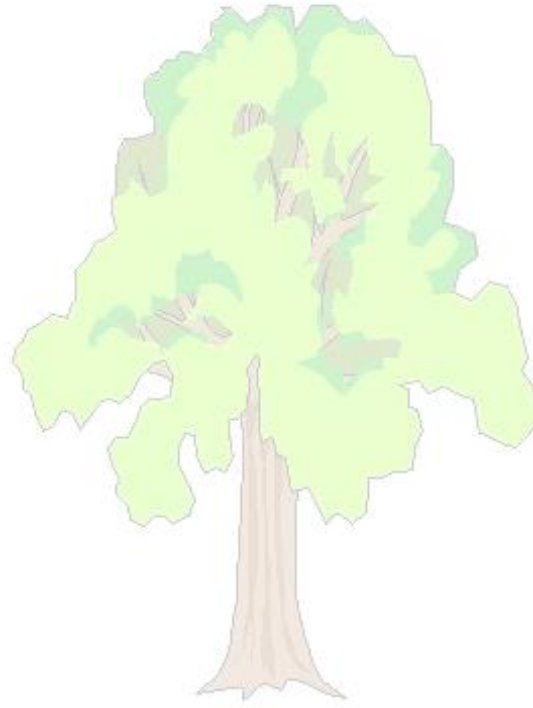


Year R Understanding the World/ Science Long Term Plan

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
			Spring Growth Can we spot the changes? (When will it be Spring?)	Minibeasts What can we find crawling in the grass, ground, under pots and all around?	Under the Sea What does life look like under the sea?

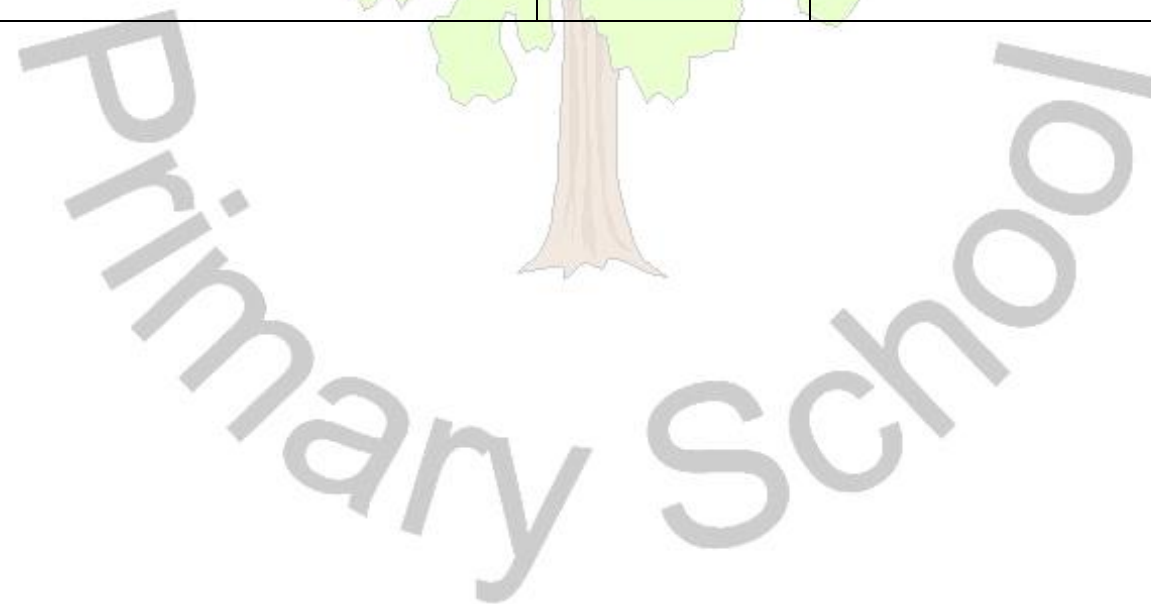


Year R Medium Term Plan – Understanding the World/ Science

Term 4 Science- **Spring Growth: Can we spot the changes? (When will it be Spring?)**

Key themes: Seasons (focusing on the transition of Winter to Spring), seasonal plant growth, trees, life cycles.

National Curriculum Links: ELGs & Development Matters	Key Texts	Key Vocabulary	Pupil Offer
<p>0-3: Explore natural materials, indoors and outside. Explore and respond to different natural phenomena in their setting.</p> <p>3&4: Use all their senses in hands-on exploration of natural materials. Explore collections of materials with similar and/or different properties. Plant seeds and care for growing plants. Talk about what they see, using a wide vocabulary. Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things.</p> <p>Rec: Explore the natural world around them. Describe what they see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around them.</p> <p>ELG: - Explore the natural world around them, making observations and drawing pictures of animals and plants. - Understand some important processes and changes in the natural world around them, including the seasons.</p>	<p>When will it be Spring? The Enormous Turnip Jack and the Beanstalk Ten Seeds Rosie Plants a Radish Titch Lamb Says Boo! From Seed to Plant It Starts with a Seed Out and About Throughout the Year The Last Tree in the City Seasons Life Cycles: From Egg to Chicken</p>	<p>Seasons: Winter, Spring, Summer, Autumn, growing, weather (warmer, brighter, lighter & other weathers), new life, soil, compost, seeds, bulbs, stem, leaves, roots, shoots, flowers, petals, trees, trunks, buds, blossom, eggs, chicks, chicken, hatching.</p>	<p>We begin the term with the traditional tales 'The Enormous Turnip' and 'Jack and the Beanstalk', and we plant our own bean seed. Throughout the term we watch our bean plants grow, whilst recording and documenting their progress.</p> <p>Throughout the term, we discuss how Spring is associated with new life, such as baby farm animals. At the end of the term, we begin thinking about the life cycle of a chick.</p>



Term 5 Science- Minibeasts: What can we find crawling in the grass, ground, under pots and all around?

Key themes: Seasons (focusing on the transition of Spring to Summer), insects, natural environments, life cycles.

National Curriculum Links: ELGs & Development Matters

0-3:
Explore natural materials, indoors and outside.
Explore and respond to different natural phenomena in their setting.

3&4:
Use all their senses in hands-on exploration of natural materials.
Explore collections of materials with similar and/or different properties.
Understand the key features of the life cycle of an animal.
Talk about what they see, using a wide vocabulary.
Begin to understand the need to respect and care for the natural environment and all living things.

Rec:
Explore the natural world around them.
Describe what they see, hear and feel whilst outside.
Understand the effect of changing seasons on the natural world around them.

ELG:
- Explore the natural world around them, making observations and drawing pictures of animals and plants.
- Understand some important processes and changes in the natural world around them, including the seasons.

Key Texts

The Very Hungry Caterpillar
The Very Busy Spider
The Bad Tempered Ladybird
Fantastic First Poems: Snail, Dragonfly, Don't Cry Caterpillar
Mad About Minibeasts
The Very Lazy Ladybird
Bug School
Snail Trail
Arggrrghh, Spider!
Yucky Worms
Insects
Minibeasties Poems
Sammy Snail
Life Cycles: I am a Butterfly
What the Ladybird Heard
Insects non- fiction

Key Vocabulary

Insects, minibeasts, bugs (naming most common insects), underground, habitats, environments, grass, plants, bushes, meadows, fields, fly, crawl, careful, gentle, small, tiny, seasons: Spring, Summer, life cycle, caterpillars, chrysalis/ cocoon/ pupa, nectar, larvae, butterfly.

Pupil Offer

We start the term with Eric Carle's classic texts, whilst learning different facts about insects.
Throughout the term we will be using the natural setting (Oak class field, Ruby Garden, school field) to search for minibeasts. This will include minibeast hunts, fact sheets and drawings.
As a class, we will be watching baby caterpillars grow into butterflies – whilst learning about the life cycle of a butterfly.



Term 6 Science- Under the Sea: What does life look like under the sea?

Key themes: Seas and oceans, sea creatures, food chains (what sea creatures eat), coral, sea pollution.

National Curriculum Links: ELGs & Development Matters	Key Texts	Key Vocabulary	Pupil Offer
<p>0-3: Explore materials with different properties.</p> <p>3&4: Use all their senses in hands-on exploration of natural materials. Explore collections of materials with similar and/or different properties. Talk about what they see, using a wide vocabulary. Begin to understand the need to respect and care for the natural environment and all living things. Explore and talk about different forces they can feel. Talk about the differences between materials and changes they notice. Know that there are different countries in the world.</p> <p>Rec: Describe what they see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around them.</p> <p>ELG: - Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. - Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p>	<p>1000 Things Under the Sea The Mighty Splash Storm Whale Surprising Sharks Smiley Shark and the Great Big Hiccup Clumsy Crab Minnie the Minnow Catch Me if You Can Under the Sea Shark Lady Billy's Bucket Sally and the Limpet The Blue Whale</p>	<p>Seas, oceans, coral, sea creatures (naming most common creatures and sea life), shells, pebbles, rocks, sand, sink, float, pollution, mammals, beaches, tide.</p>	<p>Throughout the term we will be exploring different natural materials that we would find on the beach and under the sea (shells, rocks, pebbles etc.) With lots of outdoor water play, we will explore different properties and processes. We will be learning facts about certain sea life, whilst looking at a range of information texts.</p>

Senlac Wood
Primary School

