

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
NURSERY	The Colour Monster	The Gruffalo	Nursery Rhymes	Traditional Tales	Jasper's Beanstalk	What the ladybird heard
Knowledge and Understanding of the World.	Knowing our similarities and differences.		Looking at changes over time.		Growing –looking after plants & animals.	
HOOK	<p>Autumn walk.</p> <p>Discussion of what we need to stay healthy and safe, through our daily routines, hand washing and healthy snacks.</p> <p>Weekly P.E lessons - notice changes that happen in the body.</p> <p>Explore the differences between some animals and us.</p> <p>Look at pictures of themselves as babies and talk about how their needs have changed.</p> <p>Use of senses; feeling dough or listening to sounds in the environment, such as sirens or farm animals.</p> <p>Dentist visit.</p>		<p>Winter Walk.</p> <p>Observation and manipulation of objects and materials to identify differences and similarities.</p> <p>Play opportunities in our mud kitchen - access to a range of natural and manmade resources</p> <p>Questions about why things happen and how things work.</p> <p>Use Incy Wincy spider to open up conversations about rain and different geographical water features.</p> <p>Play in our construction area: activities such as increasing the incline of a slope to observe how fast a vehicle travels or opening a mechanical toy to see how it works</p> <p>Questioning and observation during continuous provision in areas like the sand or water tray.</p> <p>Spring walk.</p>		<p>Growing - Living eggs- Watching chicks develop and the life cycle of a chick</p> <p>Observations of animals and plants, explain why some things occur and talk about changes.</p> <p>Exploring life cycles by observing butterfly houses and watching chicks hatch.</p> <p>A trip to the farm to explore animals at close quarters.</p> <p>Explore creatures, people, plants and objects in their natural environments.</p> <p>We grow plants and vegetables, exploring what they need to grow.</p> <p>Take photos of seeds that they grow and leave them available for the children to order and revisit independently. Look at the life cycle of a plant.</p> <p>Look for bugs over the course of a week.</p> <p>Look at life cycle of a butterfly and use words to describe the stages eg first it was an egg, then it was a Caterpillar, now it is a butterfly.</p> <p>Look at the habitat of minibeasts, how they are different for animals and how our behaviour can change the environment.</p> <p>Mini-beast hunt.</p> <p>Summer walk.</p>	

RECEPTION	All about Me	Seasons/Celebrations	Superheroes	Space	Minibeasts/Growing	India
HOOK	<p>Similarities and differences in relation to family and friends</p> <p>The five senses</p> <p>Changes since birth (baby photos)</p> <p>Visit from Ann Jepson- Dental Nurse</p> <p>Introduction discussion of plants, animals and natural objects</p> <p>The natural world – explore the world around themselves</p> <p>Observe the effects of exercise on their bodies</p> <p>Learn about healthy diets</p> <p>Healthy foods – not healthy foods</p> <p>Talk about some of the things which they have observed</p>	<p>Seasons and seasonal change</p> <p>Describe the world around us</p> <p>Caring for the environment</p> <p>Walk to Bruntwood Park – Autumn</p> <p>I-pads- fact videos</p> <p>Memory boxes</p> <p>The natural world – observation of changes that occur</p> <p>Explore the natural world around them</p> <p>Make observations and drawing pictures of plants and animals</p>	<p>Talk about why things happen and how they work</p> <p>Investigate magnets</p> <p>Pushing and pulling forces</p> <p>Talk about why things happen and how they work</p> <p>Exploring technology</p> <p>Float/sink test</p> <p>Which materials are best for making a boat</p> <p>Exploring ways of travel using different parts of the body</p> <p>Investigate the changes and processes in the natural world</p>	<p>Investigate Space- looking at the planets</p> <p>Visit of Wonder dome experience</p> <p>Children use technology to gain information</p> <p>Making space rockets and planets</p> <p>Our planet and the sun</p> <p>Could we live on the moon? Describe the moon</p> <p>Look at, learn the names and describe planets.</p> <p>Can we travel into space?</p> <p>Look closely at the similarities, differences, patterns and changes</p>	<p>Questions about aspects of the world in which we live</p> <p>Research Mini beast facts</p> <p>Mini beast Hunt in the wildlife area and Bruntwood Park</p> <p>Identifying mini beasts and classifying them in groups.</p> <p>Life cycle of a butterfly/frog</p> <p>Growing Broad beans And identifying how to plant a seed and what a plant needs to grow</p> <p>Living eggs- Watching chicks develop- the life cycle of a chick</p> <p>Looking at habitats</p> <p>The natural world – understanding important processes and changes</p>	<p>The natural world – investigate contrasting environments</p> <p>To know some similarities and differences in contrasting environments</p> <p>safety when tackling new challenges and managing risks.</p> <p>exercise, eating, sleeping, hygiene and good health.</p> <p>Summer walk – Bruntwood Park</p>
Text/Person/Place	Senses, Dental nurse	Bruntwood Park, All the different seasons books	Super Tato	Wonder dome Experience, Space books	Bruntwood Park, Mad about Mini beasts and other non-fiction texts.	Elephant Dance, Information texts
Vocab	Healthy/ unhealthy foods. Oral hygiene/ 5 senses Baby, toddler, child, adult	Season, autumn, winter, spring, summer, weather	Push pull, materials, magnet, magnetic Float, sink, waterproof, not waterproof	Moon, stars, orbit, space, sun, planets	Grow, stem, leaf, root, soil, sunlight, mini beast lifecycle, change	Environment, sea, sun, seasons, Weather, animals,

YEAR 1	AUTUMN 1 MY BODY AND ITS SENSES TERRIFIC TREES Seasonal changes: Autumn	AUTUMN 2 MATERIALS Seasonal changes: Winter	SPRING 1 POLAR PLACES	SPRING 2 ON SAFARI (ANIMALS)	SUMMER 1 PLANTS & ANIMALS WHERE WE LIVE Seasonal changes: Spring	SUMMER 2 SEASIDE AND SUMMER HOLIDAYS Seasonal changes: Summer
HOOK	<p>An introduction to our body parts</p> <p>Labelling body parts</p> <p>Visit from Ann Jepson- Dental Nurse</p> <p>Senses experiment</p> <p>Seasons overview lesson Seasons – looking at autumn</p> <p>Learning the names of common British trees</p> <p>Knowing what deciduous and evergreen means</p> <p>Senses walk/Autumn Walk to Bruntwood Park</p> <p>Explore world around us- notice change.</p>	<p>Name &amp; classify a selection of materials</p> <p>Describe simple physical properties of materials</p> <p>Materials and objects</p> <p>Testing materials</p> <p>Waterproof experiment – umbrella for teddy</p> <p>Change of seasons – winter – changes in clothes, daylight, trees</p>	<p>Visit from a polar explorer-expedition talk</p> <p>Snow gloves experiment- which is the warmest and waterproof</p> <p>Identify &amp; name common animals that are carnivore, herbivore &amp; omnivores.</p> <p>Explore mammals- Polar animals</p> <p>Camouflage</p> <p>Winter walk – Bruntwood Park</p>	<p>Conduct Great Bug hunt in Bruntwood Park</p> <p>Birdman visit</p> <p>Compare ourselves, other vertebrates &amp; invertebrates</p> <p>Experiment - lifecycle of a butterfly – growing a caterpillar</p> <p>Identify &amp; name a variety of animals including amphibians and reptiles, and their features</p> <p>Describe &amp; compare the structure of a variety of animals</p> <p>Which Birds &amp; animals in our local area</p> <p>How are birds different than us</p>	<p>Grow sunflowers from seeds</p> <p>Structure of plants</p> <p>Plant hunt – Which plants &amp; animals live/ grow in our local area?</p> <p>Identify and name Common garden and wild plants</p> <p>Identify and name leaves on trees</p> <p>Spring walk – Bruntwood Park</p>	<p>Children become marine biologists</p> <p>What would you find in a rockpool?</p> <p>Identify and classify seashore animals</p> <p>Hands on looking at the structure of fish</p> <p>Pack a suitable suitcase for summer holidays looking at sunglasses- Sunglasses materials experiment</p> <p>Conduct frozen water bottle experiment- which bag is the best for a cooler bag?</p> <p>Perform a skittles colour change experiment to observe over time (end of year experiment)</p> <p>Summer walk -Bruntwood Park</p>
Text/ Person/Place	Dental Nurse, non-fiction texts, Bruntwood Park	School grounds Materials	Polar explorer visitor, Polar animals and Arctic/Antarctic non-fiction texts	Bird watching Reptiles / insects, School grounds	Grow sunflowers from seeds, Plants and flower books, Bruntwood Park	Marine biologist, Snail and the Whale, Tiddler, Sharing a Shell. Seaside non-fiction texts.

Vocab	<p>Body Parts - Head, body, mouth, teeth, leg, neck, shoulder, hand, leg, foot, thumb, knee, toes, elbow. Skeleton, bones, muscle and skin.</p> <p>Senses – touch, see, smell, taste, hear, eyes, sight, nose, ear, tongue, hand, fingers.</p> <p>Trees - Roots, trunk, branches, leaves, bark, deciduous and evergreen.</p> <p>Seasons, Autumn</p>	<p>Object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull see-through, not see-through, opaque, transparent.</p> <p>Seasons, Winter</p>	<p>Herbivore, omnivore, carnivore, Bird, mammal, adventurer, Antarctic, Arctic, clothes, cold, explorer, freeze, frozen, herbivore, ice, icebergs, North Pole, South Pole, penguin, polar bear, whale, arctic fox, sea lion, seal, snow, fur, waterproof, warm, weather.</p>	<p>Head, body, eyes, ears, mouth, teeth, legs, tail, Names of animals experienced first-hand from visit, vertebrates, invertebrates, Structure of animal body parts, Amphibians, birds, fish, mammals, reptiles, carnivores, herbivore, omnivore,</p>	<p>root, seed, bulb, flower, stem, leaves, wild, plants, garden plants, sunflower, grow, sunlight, water, Leaves trunk, branches, bark, deciduous and evergreen trees.</p> <p>Bird, wing, feathers, beak,</p> <p>Seasons, Spring</p>	<p>Seaside animals, fish, Amphibian, banded wedge shell beach, cockle, shell crab, habitat, limpet, mussel, periwinkle, crab, claw, fin, scales, pollution, razor, recycle, rock pool, rubbish, sand, sea, shell, turtles.</p> <p>Summer materials, sunglasses, sunscreen, protect,</p> <p>Seasons, Summer</p>
Year 2	<b>AUTUMN 1</b>  YOUNG GARDENERS (PLANTS)	<b>AUTUMN 2</b>  HEALTHY ME	<b>SPRING 1</b>  SURVIVAL ADVENTURE	<b>SPRING 2</b>  USES OF MATERIALS	<b>SUMMER 1</b>  HAPPY HABITATS	<b>SUMMER 2</b>  FOOD CHAINS
HOOK	<p>What is growing in our school grounds</p> <p>What shall we grow? Using a selection of seeds in Packets</p> <p>What do seeds need for germination – experiment on seeds</p> <p>Make newspaper pots and then plant the sweet pea seeds.</p> <p>Daily measurement of seedlings</p> <p>Bulb planting</p> <p>Quirky containers</p> <p>Observation</p>	<p>What do we need to do to stay healthy lesson. Start the bread hygiene lesson.</p> <p>Fitness in the playground – PE Lesson</p> <p>Explore different foods with their senses.</p> <p>Snacking - complete part of a pictogram about favourite snacks.</p> <p>Children create their own snack bowls using a selection of different fruits and vegetables.</p> <p>Changing states (Food)- Bread hygiene experiment</p> <p>Sugar cube investigation</p>	<p>Survival adventure</p> <p>Alive and not alive</p> <p>Pupils will notice that animals, including humans, have offspring which grow into adults.</p> <p>Life cycles</p> <p>Basic needs</p> <p>Children find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</p> <p>Explore and compare the differences between things that are living, dead, and things that have never been alive.</p>	<p>Uses of materials- collect, classify, learn about properties and changing state of materials</p> <p>Create a silly materials Book</p> <p>Squash, bend, twist, stretch activities with materials</p> <p>Design a state of the art Tent- waterproof/strong</p>	<p>What is a habitat?</p> <p>Learn the habitat song</p> <p>Learn about the habitats of the UK</p> <p>Go and look outside for living things</p> <p>Extreme habitats lesson</p> <p>Create habitats flip-flap book</p> <p>Look at animals. Sort into habitats. Choose a habitat.</p> <p>Create a shoe box Habitat</p> <p>Names of local habitats e.g. pond, woodland etc.</p>	<p>Animal food chains including humans</p> <p>Children will understand what a food chain is and create their own.</p> <p>Encourage children to have a go at making a few food chains themselves using a selection of animals.</p> <p>Create their own food chain paper chains. Label the producer and the consumers.</p> <p>To create food chains and explain what happens at each stage.</p> <p>Encourage discussion about types of animals and what type of food they eat.</p>

		Eggs in drinks investigation			Names of micro-habitats e.g. under logs, in bushes etc.  Woodlouse live investigation	Children will identify different types of animal depending on their diet.  Whose poo? Investigation
Text/ Person/ Place	Bruntwood Park	Playground	School grounds	Classroom	Bruntwood Park	Bruntwood Park
Vocab	Leaves, trunk, branch, root, seed, bulb, flower, stem, wild, garden, deciduous, evergreen, observe, grow, compare, record, temperature, predict, measure, diagram, germinate, warmth, sunlight.	growth, child, young/old stages, exercise, heartbeat, breathing, hygiene, germs, disease, food types (examples – meat, fish, vegetables, bread, rice, pasta) Bones, bread, change, chopping board, cook, dehydrate, digest / energy, fork fruit, frying pan, grow, heat, hot, hygiene, ingredients, knife, oven, rainbow, Saucepan, spoon, strong, temperature, utensils, vegetables, whisk.	Alive, living, not alive dead, offspring life cycle, young child, baby adult, basic needs survive, survival reproduce, sensitivity excrete, respire healthy, breathe, human.	Names of materials – wood, metal, plastic, glass, brick, rock, paper, cardboard Properties of materials – as for Year 1 plus opaque, transparent, translucent, reflective, non-reflective, flexible, rigid Shape, push/pushing, pull/ push, twist/twisting, squash/squashing, bend/ bending, stretch/stretching.	Habitat, micro habitat ocean, forest, desert Rainforest, woodland. sun, grass, leaf litter, stony path, under bushes, shelter, sea shore, ocean, rainforest conditions, Hot/warm/cold Dry/damp/wet Bright/shade/dark, local environment, compare.	food, food chain, plant, animal, prey, predator, carnivore, herbivore, omnivore, diets, producer, consumer, discuss .

