

Eden Primary Medium Term Planning : Shtillim (Year 2) : Summer 2

Bigger and Bigger (the science of growth)

Overview:

This half term we'll be gardeners, horticulturalists, allotment holders. We'll also be runners, athletes, cooks and healthy eaters. The half term begins with our school science week. The children will study plant growth, growing some of their own salad to eat in a picnic. They will carry out scientific enquiries in order to learn about what plants need to grow well. They will have an opportunity to watch chicks hatching through our participation in the living egg project. The topic will also encompass what we as humans need to grow well and keep healthy, including a look at healthy eating, hygiene and exercise. We will learn about Kashrut and share some family recipes with a slightly unusual scientific focus!

Literacy and creative activities will centre around our science work and the class text *The Pea and the Princess* by Mini Grey, a lovely retelling of the fairy tale The Princess and the Pea from the point of view of the pea. Children will write recounts of their science enquiry and about their planting. There will be opportunities to write instructions, responses to the class text, reports and invitations. Spelling, grammar and punctuation work will be incorporated into the theme. Reading work will focus on developing fluency and comprehension skills including inference. We'll develop art work around plants, leaves, fruit and seeds in a variety of media using drawing, printing and other skills.

We have a lot of things to do on the theme of growing up and moving on. Our sleepover at school will be an opportunity to consider what it will be like moving upstairs to Year 3 and share a fun evening with our classmates and staff, sleeping away from home. At the end of term we will present our Shacharit service assembly, marking another stage in our development as active members of our Jewish community.

Maths work will be wide ranging this term covering all aspects of the mathematics curriculum, with particular emphasis on arithmetic skills and on problem solving in real life contexts.

Project Launch: It's science week! Tomato plant enquiry –what do plants need to grow well? Planting pips and seeds.

Culminating Project: A class lunch picnic with our own home-grown salad.

Cross Curricular Thematic Learning

Area of Curriculum	Content and Knowledge	Skills
English Writing	<p>Instruction writing linked to our Science learning about plants and growth</p> <p>Diary writing to record our observations of our plants as they grow</p>	<p>Writing in full sentences with correct and varied punctuation</p> <p>Use present and past tense correctly and consistently</p> <p>Use conjunctions to co-ordinate clauses (or / and / but) and some subordinate clauses (when / if / that / because)</p> <p>Use joined up neat handwriting</p>
English Reading	<i>The Pea and the Princess</i> by Mini Grey	<p>Develop comprehension skills around a class text</p> <p>Use the skill of inference</p> <p>Develop skills of visual literacy, exploring how the illustrations add meaning to the text</p>
Science	<p>What plants need to grow well</p> <p>Weather and seasons</p> <p>Humans</p> <p>Scientific enquiry</p>	<p>Observe and describe how seeds and bulbs grow into mature plants find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p> <p>Note the conditions needed to grow certain plants – compare those that can grow in the UK and those that are grown in hotter countries</p> <p>Notice that animals, including humans, have offspring which grow into adults</p> <p>Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</p> <p>Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</p> <p>Asking simple questions and recognising that they can be answered in different ways</p> <p>Observing closely, using simple equipment</p> <p>Performing simple comparative tests</p> <p>Identifying and classifying fruits, seeds, plants, leaves, edible roots</p> <p>Using their observations and ideas to suggest answers to questions</p> <p>Gathering and recording data to help in answering questions.</p>
Jewish Education	<p>Kashrut – what it is and understanding the rules and rituals behind it.</p> <p>Preparation for the Shacharit assembly</p>	<p>Identify the rules of Kashrut from the Torah</p> <p>Explore how these rules are interpreted and practised by different communities</p>

RE and Diversity	<p>Food in London from around the world</p> <p>Ramadan – its importance in Islam Ramadan is from 26th May to 24th June this year.</p>	<p>Find out about the wealth of different types of food, supermarkets and restaurants in London – pinpoint where these come from on a world map</p> <p>Understand the reasons why Muslims fast during the daylight hours during Ramadan, and what happens at the feast of Eid-ul Fitr. Find parallels between the traditions of giving charity (zakat) during Ramadan and the Jewish tradition of tzedekah.</p>
Humanities (Geography and History)	Olympic park	<p>Where is the Olympic Park , and why is it there in London?</p> <p>Brief look at the history of the Olympic games looking at previous and future locations for the games.</p>
Creative Arts including Design & Technology	Artwork on the theme of plants	<p>Observational drawing of fruits, seeds, roots and plants</p> <p>Printing textiles</p> <p>Other art activities inspired by the children’s own enquiry</p> <p>Combining our home grown ingredients to make a salad</p>
Music	<p>Songs on the topic theme, eg <i>Cauliflowers fluffy</i>, <i>One potato, two potato</i> <i>Garden Song –John Denver</i></p> <p>Food percussion</p>	<p>Singing together with enthusiasm</p> <p>Singing to the guitar</p> <p>Providing guitar/tuned percussion accompaniment</p> <p>Playing and making different percussion instruments and comparing the sounds made by different seeds in shakers, coconut shells, African cabasas made from gourds, etc</p>
PSHE (Personal, Social, and Health Education) British Values	<p>Hygiene</p> <p>Keeping fit in London World Athletic Championships in London 2017</p> <p>Olympic value of Courage</p>	<p>Know how to keep good hygiene –hand washing, bathing, taking care of teeth, etc</p> <p>Trip to the Olympic Park</p> <p>Finding out about the competition, the events and some of the athletes</p> <p>Loving the world around us: (<i>Tikkun Olam</i>: repairing the world, social action; <i>Tzedek Tirdof</i>: pursue justice) Caring for the world, the environment and the outdoors</p>
Computing and e-safety	<p>Commentating on a sporting event</p> <p>Coding</p>	<p>Record voice files and video based on a sporting event</p> <p>Create a simple game based on a sporting event or on plant growth using Scratch</p> <p>Understand what algorithms are and how they</p>

		can be used to create a simple game
PE	Athletics	Preparing for and taking part in Sports Day Running Relay races Standing long jump Running long jump Bean bag throw over longer distances Measuring and keeping score – partner and team work

Subject Based Learning

Area of Curriculum	Content and knowledge	Skills
Handwriting	Development of fluency in cursive writing	Use the diagonal and horizontal strokes needed to join letters Write capital letters and digits of the correct size, orientation and relationship to one another Use spacing between words that reflects the size of the letters
Phonics and spelling	Common exception words Contractions Suffixes	Spell words from the Year 2 common exception words list Spell words accurately in their contracted form Add suffixes to spell longer words, including –ment, –ness, –ful, –less, –ly
Writing	Developing sentence structure and length, vocabulary, connectives, paragraphs, etc.	<ul style="list-style-type: none"> • make simple additions, revisions and corrections to their own writing by: • evaluating their writing with the teacher and other pupils • rereading to check that their writing makes sense and that verbs to indicate time are used correctly and consistently, including verbs in the continuous form • proofreading to check for errors in spelling, grammar and punctuation (for example, ends of sentences punctuated correctly) • read aloud what they have written with appropriate intonation to make the meaning clear

	<p>Faces, shapes and patterns, lines and turns</p> <p>Data handling</p>	<p>results using $>$, $<$ and $=$</p> <ul style="list-style-type: none"> • identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line • identify and describe the properties of 3D shapes, including the number of edges, vertices and faces • identify 2D shapes on the surface of 3D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] • compare and sort common 2D and 3D shapes and everyday objects • order and arrange combinations of mathematical objects in patterns and sequences • use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anticlockwise) • Interpret and construct simple pictograms, tally charts, block diagrams and simple tables • Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity • Ask and answer questions about totalling and comparing categorical data
Prayer/Tefillah	Preparing for Shacharit assembly	<ul style="list-style-type: none"> • Consolidating the children's knowledge and understanding of the Shacharit service in preparation for the Shacharit assembly
PE	Gymnastics	<ul style="list-style-type: none"> • Warming up and cooling down, focusing on the different parts of the body • Practise and refine different movements eg rolls, jumps, taking off and landing • Evaluate their own and others' performances using video • Devise, practise, refine and perform a gymnastic sequence; stretches