

**Pilgrim Federation Curriculum Coverage Ideas and Resources for the Learning Theme:
Growing Things & Life Cycles**

EYFS	
Continuous provision will be in place throughout the learning theme based on PLODS (Possible Lines Of Development)	
Art & Design	Computing
<p><u>Creating with Materials ELG</u> Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form, and function;</p> <p>Share their creations, explaining the process they have used;</p> <p>Use drawing, painting, sculpting to express ideas.</p> <p>Use a range of media to represent and make.</p> <p>To develop a wide range of techniques to express texture, colour, shape, form,</p> <p>Pattern and space.</p> <p>Range of artists and their work, comparing and describing, linking to own work.</p> <p>Focuses could include – Van Gogh’s sunflowers, Monet’s waterlilies, Flemish masters, or less commonly studied artists such as Cath Kitson, William Morris, Georgia O’Keefe (oriental poppies) etc. Maybe canal art</p> <p>Henry Rousseau – Into the Forest</p>	<p>Use technology to support learning understanding how to program to make technological equipment work.</p> <p>Using time and timers on a Chromebook/IWB</p> <p>Creating simple charts to record information.</p>

Design & Technology	Geography
<p><u>Fine Motor Skills ELG</u> Use a range of small tools, including scissors, paint brushes and cutlery;</p> <p>Begin to show accuracy and care when drawing</p> <p>Design – consider ascetics and functionality.</p> <p>Make – use a range of tools safely and effectively.</p> <p>Evaluate – test against criteria for purpose of design and judge.</p> <p>Adapt as necessary.</p> <p>Gardening tools.</p> <p>Growing, preparing and eat food.</p> <p>Soup</p> <p>Fruit salad</p> <p>Bread</p> <p>https://www.bbc.co.uk/cbeebies/topics/food</p>	<p><u>People Culture and Communities ELG</u> Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps</p> <p>Physical features – vegetation what grows where?</p> <p>Climate, seasons and temperature links.</p> <p>Common vegetation home and abroad.</p> <p>Links to food, farming & factories.</p> <p>What food is grown in Norfolk?</p> <p>Favourite foods that have to be imported. Include basic understanding of import & export – how does the food we eat get to use? Food miles? https://www.bbc.co.uk/cbeebies/shows/my-world-kitchen</p>

History	Music
<p>Significant Britain's – British Plant hunters (e.g. Cook's voyages) and plant discoveries.</p> <p>Introduction of the potato Raleigh is credited but these were already known. He did bring back tobacco plants.</p> <p>Possibly William of Orange and the development of carrots to orange from their original purple.</p> <p>Other food introductions.</p> <p>Significant changes over history to the cultivation and usage of plants e.g. engineering the introduction of the hothouse (Joseph Paxton), Victorian Kitchen gardens – link to science and D&T for things such as icehouses and the first ice cream in Britain.</p>	<p><u>See also Charanga Schemes of work</u></p> <p><u>Being Imaginative and Expressive ELG</u> Sing a range of well-known nursery rhymes and songs; Perform songs, rhymes, poems and stories with others, and – when appropriate try to move in time with music.</p> <p>Use voice creatively.</p> <p>Play tuned and untuned instruments.</p> <p>Experiment with and combine interrelated dimensions of music.</p> <p>Listen to a range of music recorded and live.</p> <p>Focuses could include Lakme flower duet.</p> <p>A range of songs/pieces referencing flowers is available but should be linked well to the musical dimension focus in hand.</p> <p>There has been some scientific research to prove that plants can move in response to certain types of music.</p> <p>Although this is controversial there is a claim that although they don't respond to music that can respond to vibrations from insects.</p> <p>Oak Academy – Growth https://teachers.thenational.academy/units/growth-789a</p>

Physical Education	Science
<p><u>See also RealPE Schemes of work.</u></p> <p><u>Gross Motor Skills ELG</u> Negotiate space and obstacles safely, with consideration for themselves and others; Demonstrate strength, balance and coordination when playing; Move energetically, such as running, jumping, dancing, hopping, skipping and climbing.</p> <p>Master basic movement</p> <p>Participate in team games.</p> <p>Perform dances and sequences using patterns of movement.</p> <p>This could be topic linked if desired.</p>	<p><u>The Natural World ELG</u> Explore the natural world around them, making observations and drawing pictures of animals</p> <p>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</p> <p>Living things and the habitats they need.</p> <p>What grows where?</p> <p>Seeds – germination and what plants need to survive and thrive.</p> <p>Label common plants and trees native and imported – cultivated and wild.</p> <p>Life cycle of a plant e.g. an apple.</p> <p>https://www.bbc.co.uk/teach/class-clips-video/ks1-science-lifecycles/z4r4cmn</p> <p>Different food types. Carnivores, herbivores. Life cycle of an animal https://classroom.thenational.academy/lessons/to-sequence-the-life-cycle-of-an-animal-6hk38c?from_query=the+maya</p> <p>Sequence the stages of plant growth https://classroom.thenational.academy/lessons/to-sequence-the-stages-of-a-plant-growing-cnjk4r?from_query=growing+things</p>

	<p>Understand what plants need to grow https://classroom.thenational.academy/lessons/to-understand-what-plants-need-to-grow-6gw3ad?from_query=growing+things</p> <p>Sequence the human life cycle https://classroom.thenational.academy/lessons/to-sequence-the-life-cycle-of-a-human-c8v36c?from_query=growing+things</p> <p>Understand what humans need to grow https://classroom.thenational.academy/lessons/to-understand-what-humans-need-to-grow-c4u3ad?from_query=growing+things</p> <p>Know that humans grow and change over time https://classroom.thenational.academy/lessons/to-understand-that-humans-grow-and-change-over-time-65j62c?from_query=growing+things</p> <p>Know what farm animal offspring need to grow https://classroom.thenational.academy/lessons/to-know-what-farm-animal-offspring-need-to-grow-68v62c?from_query=growing+things</p> <p>Growing plants (EYFS) https://classroom.thenational.academy/units/growing-plants-1978?from_query=growing+things</p> <p>Growing Plants https://www.thenational.academy/teachers/programmes/science-primary-ks1/units</p>
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English	Maths
<p>https://www.booksfortopics.com/growing-ks1</p> <p>Fiction: Jack and the beanstalk https://teachers.thenational.academy/units/jack-and-the-beanstalk-characters-mood-problems-5b0f https://teachers.thenational.academy/units/jack-and-the-beanstalk-created-story-characters-mood-problems-be6a</p> <p>Peter Rabbit – Farmer McGregor – Beatrix Potter Jack and the Beanstalk – Raymond Briggs Ten Seeds - Ruth Brown Eddie's Garden: and How to Make Things Grow - Sarah Garland Oliver's Vegetables by Vivian French and Alison Bartlett (picture book) EYFS/KS1 I Really Wonder What Plant I'm Growing (Charlie and Lola) - Lauren Child The Little Gardener by Emily Hughes (Picture book) – EYFS/KS1 The Secret Sky Garden by Linda Sarah & Fiona Lumbers (picture book) – KS1 The Wall in the Wild by Christina Dendy & Katie Rewse (picture book) – KS1 Bloom by Anne Booth & Robyn Owen Wilson (picture book) – EYFS/KS1 Mama Miti: Wangari Maathai and the Trees of Kenya by Donna Jo Napoli & Kadir Nelson (picture book) – KS1 Titch - Pat Hutchins The Growing Story - Ruth Krauss & Helen Oxenbury The Enormous Turnip – Katie Daynes The Gigantic Turnip by Aleksei Tolstoy & Niamh Sharkey (picture book) – EYFS/KS1 The Enormous Potato - Aubrey Davis Bonkers About Beetroot - Cath Jones & Chris Jevons Katie and the Sunflowers by James Mayhew (picture book) – KS1 Eco Girl by Ken Wilson-Max (picture book) KS1</p>	<p>Number: Counting petals and leaves</p> <p>Data Handling and Measuring: Non-standard units of measure hand span, footsteps, arm lengths, strides. Growing beans – weekly measure (using standard and non-standard units)</p>

The Boy Who Grew Dragons - Andy Shepherd
The Tiny Seed by Eric Carle (picture book)– EYFS
Tadpole’s Promise – Tony Ross
Jasper’s Beanstalk – Nick Butterworth.
Tad by Benji Davis (picture book) – KS1
Papa Penguin by Lindsay Camp & Momoko Abe (picture book) – EYFS/KS1
Monkey Puzzle by Julia Donaldson & Axel Scheffler (picture book) –
KS1EYFS/KS1
My Butterfly Bouquet by Nicola Davies & Hannah Peck (picture book) KS1
Pip and Egg by Alex Latimer & David Litchfield (picture book)
Where, Oh, Where is Rosie’s Chick? By Pat Hutchins (picture book) –
EYFS/KS1
The Woolly Bear Caterpillar by Julia Donaldson & Yuval Zommer (picture
book) – EYFS/KS1
The Very Hungry Caterpillar by Eric Carle (picture book)– EYFS
Ergo by Alexis Deacon & Viviane Schwarz (picture book) – KS1
As We Grow by Libby Walden & Richard Jones (picture book) – KS1
Rosa Explores Life Cycles by Jessica Spanyol (picture book) – KS1
Ten Seeds
by Ruth Brown (picture book) – KS1
Lulu Loves Flowers by Anna McQuinn & Rosalind Beardshaw (picture book)
– KS1
The Extraordinary Gardener by Sam Broughton (picture book) – KS1

Non-Fiction:

Explanation of how beans grow

<https://teachers.thenational.academy/units/explanation-how-beans-grow-980b>

How Butterflies came to be

<https://teachers.thenational.academy/units/how-butterflies-came-to-be-7a0c>

Growing and Changing: All About Life Cycles by Ruth Owen – EYFS/KS1

Lifesize Baby Animals by Sophy Henn (picture book) – KS1
 Animal Babies by Martin Jenkins & Jane McGuinness (picture book) – EYFS/KS1
 A Little Guide to Wild Flowers by Charlotte Voake – KS1
 The Big Books of Blooms by Yuval Zommer (picture book) – EYFS/KS1
 Secrets of the Vegetable Garden: A Shine-a-Light Book - Carron Brown
 It Starts With a Seed by Laura Knowles & Jennie Webber – KS1
 Life Cycles: Seed to Sunflower by Camilla De la Bedoyere – EYFS/KS1
 Look and Wonder: The Amazing Life Cycle of Plants by Kay Barnham (picture book) – EYFS/KS1
 A Seed is Sleepy by Dianna Aston & Sylvia Long – KS1
 Plants (Amazing Science) - Sally Hewitt
 Roots, Stems, Leaves and Flowers by Ruth Owen – KS1

 RHS Ready, Steady, Grow! - Royal Horticultural Society
 Wangari's Trees of Peace: A True Story from Africa - Jeanette Winter
 The Amazing Lifecycle of Plants – Kay Barnham
 From Seed to Sunflower – Gerald Legg
 The Big Book of Blooms – Elisa Biondi & Yuval Zommer
 Caterpillar Butterfly by Vivienne French & Charlotte Voake (picture book) - KS1
 Growing Frogs by Vivienne French & Alison Bartlett (picture book) - KS1
 The Egg Book: See How Baby Animals Hatch, Step by Step! By DK – KS1

Poetry:
 Mary, Mary Quite Contrary
 Each, Peach, Pear, Plum – Janet and Allen Ahlberg
 A little Bit of Food
 Dig a little hole **
 I Am the Seed That Grew the Tree: A Nature Poem for Every Day of the Year - Fiona Waters & Frann Preston-Gannon
 Farmer Duck – Martin Waddell & Helen Oxbury

Courageous Advocacy	Developing Spirituality
<p>Advocating for those who do not have enough to eat and drink both in the UK and the world.</p> <p>Supporting charities such as the Trussell Trust https://www.trusselltrust.org/</p> <p>Oxfam https://www.oxfam.org.uk/</p> <p>Christian Aid https://www.christianaid.org.uk/</p> <p>Keeping safe NSPCC https://www.nspcc.org.uk/</p> <p>Children in Need https://www.bbcchildreninneed.co.uk/</p> <p>Sport Relief https://www.comicrelief.com/sportrelief/</p>	<p>Developing an appreciation that we are all unique and all have difference – learn to help everyone shine with their own talents and celebrate those.</p> <p>Thank God for the food we have and share our resources through actions like giving in our Harvest Festivals.</p> <p>Be in awe at what our bodies can do.</p> <p>Be in awe at all the living things and how they grow and develop (both plant and animal)</p>
Other Ideas	
<p>Farm visit to see how crops are grown.</p> <p>Field to Fork experience at Holkham.</p> <p>Stody Estate farm visit (the potatoes they grow are made in to Kettle Chips, the pigs they rear are sold to Waitrose)</p> <p>Growing our own food to eat. School garden.</p> <p>https://www.bbc.co.uk/cbeebies/joinin/down-on-the-farm-grow-your-own-article</p> <p>https://www.bbc.co.uk/cbeebies/shows/down-on-the-farm</p> <p>https://www.bbc.co.uk/iplayer/episode/m00053z0/maddies-do-you-know-series-3-11-cereal-and-potato-harvester</p>	

My Growing journey (PSHCE) https://classroom.thenational.academy/lessons/my-growing-journey-71h34c?from_query=growing+things