**Nature Nudge: Dell Deeper**

Suggested Activities:

Gardening for Kids: Ideas for activities young children can do in the garden: <https://www.bbc.co.uk/cbeebies/grownups/how-does-your-garden-grow>

Gardening Crafts for kids: ideas for paining fingerprint carrots, rock caterpillars, painted rock cactus and ladybirds, Owl Bird feeders and much more…

<https://www.thesprucecrafts.com/simple-kids-gardening-crafts-4146962>

Mr Bloom’s Nursery: CBeebies radio - The Compost

<https://www.bbc.co.uk/cbeebies/radio/radio-mr-bloom-compost>

Recycled container gardening: make your own recycled containers for planting things in – you could use plastic bottles, jars, tins, old welly boots… anything really. Be creative. See the link for more ideas: <https://inspirationlaboratories.com/recycled-container-gardening-with-kids/>

Learn about soil by making your own sediment jars:

<https://inspirationlaboratories.com/sediment-jars/>

Opal soil and earthworm survey

<https://www.opalexplorenature.org/sites/default/files/7/image/SOIL%2016pp%20booklet_0.pdf>

RSPB Wild Challenge - build a minibeast hotel

<https://www.rspb.org.uk/fun-and-learning/for-families/family-wild-challenge/activities/build-a-minibeast-hotel/>

RSPB Wild Challenge - Make a compost heap

<https://www.rspb.org.uk/fun-and-learning/for-families/family-wild-challenge/activities/make-a-compost-heap/>

Do your own experiment to find out which substrate (surface) seeds or seedlings grow best on. The link shows stones, sand and soil but you could vary this depending on what you have eg. Cotton wool or kitchen roll. <https://inspirationlaboratories.com/plant-science-experiment-peter-rabbit/>

Try to keep the experiment fair: same volume of water; same number of seeds or seedlings; same light levels, temperature etc.

Go on a ladybird hunt! Some people tell us they find ladybirds in Shetland. If you find one please email and let us know here at Nature Nudge and take a photo if can.

Take part New Zealand Flatworm survey: <https://www.abdn.ac.uk/news/10843/> and let us know if you find any too!

N4 Chemistry: Properties of fertilisers

<https://www.bbc.co.uk/bitesize/guides/z7rxsbk/revision/1>

N5 Biology: Distribution of organisms (facts, video and a test)

<https://www.bbc.co.uk/bitesize/guides/z83qcj6/revision/3>

N5 Biology: Reproduction in plants (facts, video and a test)

<https://www.bbc.co.uk/bitesize/guides/z2xg87h/revision/6>

Do a Spring Scavenger Hunt: see separate document

Do an I-Spy the start of spring: see separate document

Interesting article from Medical News Today on how fat in soil bacteria may protect against stress.

<https://www.medicalnewstoday.com/articles/325357>

There are questions on this article (and answers) in separate document

Resources:

Garden bugs and beasties: FSC guide: This will help ID anything you catch in your pitfall trap

<https://www.field-studies-council.org/shop/publications/garden-bugs-and-beasties/>

Transition Turriefield have a fantastic website, packed full of information which is specific to Shetland growers

<http://www.turriefieldveg.co.uk/grow-your-own-info/>

Opal earthworm identifier

<https://www.opalexplorenature.org/sites/default/files/7/image/SOIL%204pp%20chart.pdf>

RSPB minibeast ID sheet

<https://www.rspb.org.uk/globalassets/downloads/discoverenjoy/families/ground-minibeasts-id.pdf>

Brilliant Identification guides and resources:

<https://www.opalexplorenature.org/identification>

Video Clips:

Make a pitfall trap: <https://www.nhm.ac.uk/discover/how-to-make-pitfall-trap-to-catch-insects.html>

10 Beneficial Insects you want in the garden: <https://www.youtube.com/watch?v=ai8XRf_wYjA>

Interesting websites

Worm composting: <https://www.rhs.org.uk/advice/profile?pid=726>

Seaweed products: <https://www.rhs.org.uk/advice/profile?pid=301>

Tips for growing strawberries: <https://www.garden.eco/strawberry-patch>

A guide to vegetable garden pests <https://savvygardening.com/guide-to-vegetable-garden-pests/>

Info on New Zealand flat worms: <https://www.hutton.ac.uk/research/archive/2011-16/controlling-weeds-pests-and-diseases/new-zealand-flatworm>

Fun and Games for those interested in bugs: <https://www.amentsoc.org/bug-club/fun/>