



Scottish Government, Nature Restoration Fund 2021-22

HEDGEHOGS - EAC LOST Theme for Progression in STEM

Resource Summary



Nature Restoration Fund 2021-22

Hedgehogs as a Theme for Progression in STEM

General Teacher Support				
CfE	Organiser	Level	Activity	Resource
STEM	n/a	Early, Primary, Secondary	Misc – including CLPL	Ed Scotland Summary of STEM Resources https://education.gov.scot/improvement/learning-resources/a-summary-of-stem-resources/
STEM UK	n/a	Early, Primary, Secondary +	Misc	https://www.stem.org.uk/
LfS	n/a	Teacher, Early, Primary, Secondary	Misc – including CLPL	Ed Scotland Summary for LfS Resources https://education.gov.scot/improvement/learning-resources/a-summary-of-learning-for-sustainability-resources
IDL	n.a	Teacher, Early, Primary, Secondary +	Misc	EAC LOST blog Greening the School Estate in EAC https://blogs.glowscotland.org.uk/ea/learningoutdoorsupportteam/greening-the-school-estate-in-east-ayrshire/
Sciences	n/a	Teacher	Misc	TCV Citizen Science – resources for schools https://www.tcv.org.uk/scotland/discover/citizen-science/get-involved-citizen-science/citizen-science-resources/
IDL	n/a	Teacher	Misc	Book – <i>Gardening for Wildlife</i> , RSPB (in equipment box)
LfS	n/a	Teacher, Early, First, Second	Misc	Book – <i>How to Help a Hedgehog and Save a Polar Bear, 70 Simple Things you Can do for our Planet!</i> , by Dr Jess French

Context Specific Resources for Teachers				
CfE	Organiser	Level	Activity	Resource
IDL	n/a	Teacher	Misc	Book – <i>Hedgehogs</i> by Lowen James (in equipment box)
Sciences	Biodiversity and IDL Info handling	Teacher	Misc including survey and monitor	TCV Scotland – Hogwatch Project audit and monitor population until 2023 https://www.tcv.org.uk/scotland/discover/citizen-science/hogwatch-scotland/
IDL	n/a	Teacher/Second Level	How to make your outdoor space hedgehog friendly	From https://www.wildaboutgardens.org.uk/ collaboration between Royal Horticultural Society and Wildlife Trusts Find <i>Get Creative for Hedgehogs</i> https://www.wildaboutgardens.org.uk/sites/default/files/2022-03/16597%20WAG%20-%20Hedgehog%2016pp%20Booklet%20AW%20web.pdf
IDL	n/a	Teacher/Second Level +	Misc	British Hedgehog Preservation Society https://www.britishhedgehogs.org.uk/
IDL	n/a	Teacher, Early, First, Second +	Turn your School Grounds into Hedgehog Friendly Spaces	From EAC LOST blog pages on Greening the School Estate Section on hedgehog friendly spaces on Rewilding Nature – Growing for Wildlife page https://blogs.glowscotland.org.uk/ea/learningoutdoorssupportteam/rewilding-nature-growing-for-wildlife/

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Suggestions for Progression in Learning and Teaching				
CfE	Organiser	Level	Activity	Resource
EXA	Art and Design	Early	Make hedgehog art	Using biodegradable air dry clay and paper straws/sticks, make a model hedgehog. Use as context for writing – procedural or imaginative (see clay figure story inspiration)
IDL HWB	Social Wellbeing	Early/First/Second	Set up Hedgehog Starter Kit	RSPB Classic Hedgehog Starter Kit (see equipment box) House Set up hedgehog home (possibly with help from P6 or P7 pupils) and take responsibility for care.
Sciences Literacy	Biodiversity Reading	First	Make a hedgehog fact file	See Hedgehog Preservation society – Letter from Spike https://www.britishhedgehogs.org.uk/a-letter-from-spike/
Technologies	Craft and Design	First	Make a hedgehog cafe	Complete task as part of RSPB Schools Wild Challenge wider achievement award Convert a box into a hedgehog café https://www.rspb.org.uk/get-involved/activities/nature-on-your-doorstep/garden-activities/feed-hedgehogs-in-a-diy-hedgehog-cafe/
Sciences MNU	Biodiversity and Interdependence Information Handling	First/Second+	Citizen Science	Hogwatch https://www.tcv.org.uk/scotland/discover/citizen-science/hogwatch-scotland/
IDL	n/a	First/Second+	Campaign for local hedgehog population	Hedgehog Awareness Week, May Find up to date information and suggestions for activities https://www.britishhedgehogs.org.uk/
Sciences	Biodiversity and Interdependence	Second	Learn what do hedgehogs do to support biodiversity	Explore hedgehogs' place in food webs Book – <i>Hedgehogs</i> by Lowen James (in equipment box) https://www.britishhedgehogs.org.uk/
Sciences	Biodiversity	Third	Learn about the impact of changing habitats on hedgehog population	State of hedgehog population, what this demonstrates and implication for future populations Urban vs rural habitats https://www.britishhedgehogs.org.uk/new-state-of-britains-hedgehog-report-issued-today/

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Sciences Experiences and Outcomes – Extract from CfE Introduction

The sciences framework provides a range of different contexts for learning which draw on important aspects of everyday life and work.

Learning in the sciences will enable me to:

- develop curiosity and understanding of the environment and my place in the living, material and physical world
- demonstrate a secure knowledge and understanding of the big ideas and concepts of the sciences
- develop skills for learning, life and work
- develop the skills of scientific inquiry and investigation using practical techniques
- develop skills in the accurate use of scientific language, formulae and equations
- apply safety measures and take necessary actions to control risk and hazards
- recognise the impact the sciences make on my life, the lives of others, the environment and on society
- recognise the role of creativity and inventiveness in the development of the sciences
- develop an understanding of the Earth's resources and the need for responsible use of them
- express opinions and make decisions on social, moral, ethical, economic and environmental issues based upon sound understanding
- develop as a scientifically-literate citizen with a lifelong interest in the sciences
- establish the foundation for more advanced learning and future careers in the sciences and the technologies.

SUSTAINABLE DEVELOPMENT GOALS



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