

Living Things
3rd and 4th classes

Click on the links below to access more information about the learning experience.

Learning Experience	Description	Link
Caring for our Earth	The Ark/ PDST This inspiration pack will help teachers develop the pupils' content knowledge and skills through the strands of Living Things; Energy and Forces; Environmental Awareness and Care and more, using the design and make process and other creative activities.	https://ark.ie/events/view/science-week-inspiration-pack-for-schools-caring-for-our-earth
Mini-beast Hunt	STEM Smaointe Encourage your pupils to become detectives and embark on a minibeast hunt around their home or school. Pupils could use a key to identify the mini-beasts they find.	https://sites.google.com/pdst.ie/stemsmainte/archived-activities/science/1st-and-2nd-class#h.fal9rvt1nzud
Transform your observations	STEM Smaointe Pupils will develop their observation skills, by observing, and sketching an object such as a flower or leaf. They then use their imagination to transform their sketch into a new creation.	https://sites.google.com/pdst.ie/stemsmainte/archived-activities/science/1st-and-2nd-class#h.5wtivbez6kj4

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Can You Twig It?	STEM Smaointe By using the skills of observation and investigation, pupils will identify trees in their environment.	https://sites.google.com/pdst.ie/stemsmainte/archived-activities/science/3rd-and-4th-class#h.12nsiclg37vk
Outdoor Observer	STEM Smaointe Pupils will make observations and use identification guides to identify plants and animals in their local environment. Pupils should use their observations to explain their reasoning.	https://sites.google.com/pdst.ie/stemsmainte/archived-activities/science/5th-and-6th-class#h.oy6xueb7irvi
Create a Crazy Creature	STEM Smaointe Pupils create a creature which has never been seen before. They identify the habitat where it lives and the food it eats.	https://sites.google.com/pdst.ie/stemsmainte/archived-activities/stem/stem-challenges#h.c555z95idseo
Spider Safari	STEM Smaointe Pupils go on a spider safari around their home or school.	https://sites.google.com/pdst.ie/stemsmainte/archived-activities/science/5th-and-6th-class#h.22dfs6pjxnsq
Brilliant Birds	STEM Smaointe This odd one out activity will give pupils an opportunity to observe, discuss and reason, to identify the odd bird out and why.	https://sites.google.com/pdst.ie/stemsmainte/stem-smaointe/stem-smaointe-11#h.pxm49caxgqfb

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Birds of a Feather	STEM Smaointe Encourage observation skills by using the identification sheets to identify birds in the local environment. Pupils should use their observations to explain their reasoning.	https://sites.google.com/pdst.ie/stemsmainte/stem-smaointe/stem-smaointe-11#h.nmnwbmqn62hu
Design and Make a Ladybird Home and a Mini-beast Palace	STEM Smaointe Pupils are encouraged to work collaboratively to forage for natural materials to design and create their minibeast homes.	https://sites.google.com/pdst.ie/stemsmainte/stem-smaointe/stem-smaointe-11#h.ffbe4gi96jdf
Micro-Hike	STEM Smaointe A micro-hike encourages pupils to observe their local environment from the perspective of a small minibeast.	https://sites.google.com/pdst.ie/stemsmainte/stem-smaointe/stem-smaointe-11#h.cfhv4v8q9agp
Zoom In, Zoom Out	STEM Smaointe Pupils use a looking tube to enable them to observe more closely and in more detail.	https://sites.google.com/pdst.ie/stemsmainte/stem-smaointe/stem-smaointe-8#h.dfgdo3sggbe
Happy Feet	STEM Smaointe In this STEM challenge, pupils will design and make their own animal that can dance with happy feet.	https://sites.google.com/pdst.ie/stemsmainte/stem-smaointe/stem-smaointe-7#h.1eqc6xg0ekm9

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Brilliant Bodies - Finger Marathon	STEM Smaointe This activity explores how muscles use energy and tire during exercise.	https://sites.google.com/pdst.ie/stemsmainte/stem-smaointe/stem-smaointe-6#h.d72tstmq01jp
My Passport	STEM in the Open Air - webinar The task develops the skill of observation, by asking pupils to create a passport for a plant or animal, which includes all its identifying features.	STEM in the Open Air resource page https://www.scoilnet.ie/stem_ar_scoil/OpenAir/ https://www.scoilnet.ie/uploads/resources/34642/34396.pdf https://www.scoilnet.ie/uploads/resources/34641/34395.pdf - as Gaeilge
Fabulous Firsts	STEM in the Open Air - webinar This task encourages pupils to become aware of seasonal change, by asking them to record changes in their local environment.	STEM in the Open Air webinar https://youtu.be/ca3MCaDPj_g - (22:44 - 24:17)
Brilliant Bodies	STEM in Our World Webinar Our brilliant bodies serve as a theme for the set of activities, which include Funky Faces, Eyes on the Prize and Da Vinci Dimensions. A detailed explanation of the activities can be found by watching the webinar from 14:30 - 28:17. These activities support the integration of the theme of brilliant bodies across the curriculum.	STEM in Our World Webinar https://youtu.be/jrC2VmtMuyg

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<p>The 5th Season</p>	<p>Seasonal STEAM webinar</p> <p>This activity asks the pupils to give Mother Nature a break by designing a 5th season. It will develop the pupils' awareness of seasonal change.</p>	<p>Seasonal STEAM resource page https://www.scoilnet.ie/stem_ar_scoil/steam/ https://www.scoilnet.ie/uploads/resources/35015/34774.pdf https://www.scoilnet.ie/uploads/resources/35016/34775.pdf - as Gaeilge</p>
<p>STEAM Starters</p>	<p>Seasonal STEAM webinar</p> <p>This resource contains a selection of design and make ideas, linked to the seasons.</p>	<p>Seasonal STEAM resource page https://www.scoilnet.ie/stem_ar_scoil/steam/ https://www.scoilnet.ie/uploads/resources/35017/34776.pdf</p>
<p>Design and Make a Nest</p>	<p>Engineers Week 2021</p> <p>Oh no! While out for a walk, you notice a bird's nest destroyed. Design and make a nest that could rehome the birds if they return.</p>	<p>https://www.scoilnet.ie/uploads/resources/34914/34673.pdf https://www.scoilnet.ie/fileadmin/user_upload/Gniomhaiocht_3__Dear_Neard.pdf - as Gaeilge</p>
<p>Bird Hunt</p>	<p>STEM and the Garden - webinar</p> <p>Bird Hunt is a good way to harness children's natural curiosity about birds. Find out more by watching the webinar from 12:39 - 15:03</p>	<p>STEM and the Garden resource page https://www.scoilnet.ie/stem_sa_bhaile/garden/ STEM and the Garden webinar https://youtu.be/Dp26fwRAjGk https://www.scoilnet.ie/uploads/resources/34912/34671.pdf Bird spotter sheet available at https://www.treetoolsforschools.org.uk/activities/pdfs/pdf_woodland_birds_spotter_sheet.pdf</p>
<p>Battle of the Beaks</p>	<p>STEM and the Garden - webinar</p>	<p>STEM and the Garden resource page</p>

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	<p>In this activity, pupils simulate bird feeding by using a beak to collect food and place it into a stomach. There are four different beak shapes and a range of different food types to choose from</p>	<p>https://www.scoilnet.ie/stem_sa_bhaile/garden/</p> <p>https://www.scoilnet.ie/uploads/resources/34911/34670.pdf</p>
Pollination	<p>STEM and the Garden - webinar</p> <p>This resource provides more information about a wide variety of resources, to support schools in developing an understanding about pollination with children. Find out more by watching the webinar from 45:55 - 47:00.</p>	<p>STEM and the Garden resource page https://www.scoilnet.ie/stem_sa_bhaile/garden/</p> <p>STEM and the Garden webinar https://youtu.be/Dp26fwRAjGk</p> <p>https://www.scoilnet.ie/uploads/resources/34910/34669.pdf</p>
Design a Dream Garden	<p>STEM and the Garden - webinar</p> <p>Your teacher's garden has become overgrown and s/he is looking for some new designs to bring it back to life! Can you help?</p>	<p>STEM and the Garden resource page https://www.scoilnet.ie/stem_sa_bhaile/garden/</p> <p>https://www.scoilnet.ie/uploads/resources/34904/34663.pdf</p>
Reaction Times	<p>STEM and Sport Webinar</p> <p>This resource page contains a wide range of activities, which can be used to develop the pupils' reaction times</p>	<p>STEM and Sport resource page https://www.scoilnet.ie/stem_sa_bhaile/sport/</p> <p>https://www.scoilnet.ie/uploads/resources/35057/34816.pdf</p>
The Human Body	<p>STEM and Sport Webinar</p> <p>This resource page contains a wide range of activities, which can be used to develop a</p>	<p>STEM and Sport resource page https://www.scoilnet.ie/stem_sa_bhaile/sport/</p> <p>STEM and Sport webinar</p>

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	<p>unit of work around the theme of the human body. Find out more about using the resources, by watching the webinar from 8:15 - 24:55</p>	<p>https://youtu.be/QF1jTHSC_v0</p> <p>https://www.scoilnet.ie/uploads/resources/35056/34815.pdf</p>
Suirbhé ar Chrainn	<p>STEM and the Garden - webinar</p> <p>Is féidir leis na páistí suirbhé ar chrainn a dhéanamh. Moltar do pháistí mapa a dhéanamh don ghairdín nó don cheantar máguaird. Ansin, iarrtar orthu breathnú ar na crainn atá le feiceáil ann agus iad a bhreacadh síos ar an mapa.</p>	<p>STEM and the Garden resource page https://www.scoilnet.ie/stem_sa_bhaile/garden/</p> <p>https://www.scoilnet.ie/uploads/resources/34902/34661.pdf - as Gaeilge</p>
Developing Green Fingers with Marrowfat Peas	<p>STEM and the Garden - webinar</p> <p>This activity contains some suggestions to integrate the growing of peas across the curriculum. This activity can also form the basis on an inquiry: will the peas grow better in a hot or cold place? How can we make it a fair test? Find out more by watching the webinar from 37:44 - 45:55</p>	<p>STEM and the Garden resource page https://www.scoilnet.ie/stem_sa_bhaile/garden/</p> <p>STEM and the Garden webinar https://youtu.be/Dp26fwRAjGk</p> <p>https://www.scoilnet.ie/uploads/resources/34903/34662.pdf</p>
STEM and the Garden Webinar	<p>This webinar, which is part of the STEM sa Bhaile webinar series, is based around the theme of gardens. It provides many learning experiences for pupils from infants to 6th class, around the themes of Birds, Trees and Plants and Animals.</p>	<p>STEM and the Garden webinar https://youtu.be/Dp26fwRAjGk</p>