A blurred background photograph of a rocky coastline. In the water, several people are standing, some holding buckets and nets, suggesting they are participating in a beach cleanup or a similar activity. In the distance, a tall, thin stone tower, possibly a lighthouse or a marker, stands on a rocky outcrop. The overall scene is bright and suggests a sunny day.

# **National Trust for Jersey's Natural Environment Education Programme Spring-Summer 2026**



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# Introduction

The National Trust has extensive experience in delivering natural environmental education over many years.



We provide safe, diverse sites for nature-focused educational activities across the Island.

The programme is led by our experienced Senior Education Officer, Erin Cowham, who holds advanced Forest School training and a UN Climate Change education accreditation.

We aim to educate and inspire local children and young people on important environmental issues, empowering them to become agents of change, through a programme that reflects the CYPES COP26 pledge by offering environmental education and resources.

By connecting children with wildlife and habitats through curriculum-tailored activities, we bring to life topics such as climate change and biodiversity loss.

# Natural Environmental Education

## Activities

❖ Our school activities are grouped into five themes:

Biodiversity, Seas, Pollinators, Woodlands and Climate Change; and we invite teaching staff to choose one or two activities from these that meet your class' focus.

❖ Activities are designed to last 45 mins - 1.5 hours, and the duration of most can be adjusted to suit your requirements. Please discuss your preferred activities with Erin.

❖ Available venues:

- Le Moulin de Quétivel – Jersey's only working water mill (St Peter's valley)
- The Wetland Centre and St Ouen's pond area, St Ouen
- Victoria Tower, Grouville
- Noir Pré orchid field
- The Seaside Café at Greve de Lecq.
- The Elms walled garden and orchard
- Woodlands include: Fern Valley, Jardin D'Olivet, St Peter's Valley, Waterworks Valley, Charles II (St Lawrence)
- Various beaches (see Seas workshops for more information)

❖ To help minimize the costs of transport, we can also offer many of these activities in-school, and assemblies on a variety of subjects.

❖ In addition to several science and geography curriculum links (relevant areas highlighted in activity details), these workshops teach students the 'importance of respecting and protecting the environment' under the Living in the wider world section of the Jersey PSHE curriculum.

❖ In recognition of the importance of outdoor education and to ensure price is not a limiting factor, we offer our schools education programme **free of charge\*** to school and home-schooled children.

❖ Please contact Erin at [education@nationaltrust.je](mailto:education@nationaltrust.je) to book and for further details. We have listed the optional activities under each session header and would love to discuss how these can be adapted to suit your class' curriculum requirements.

❖ Activities available Wednesday – Friday 10am – 3pm

\*Please note that charges may be applicable for smaller class sizes/ more bespoke activities, and those involving external providers.



# Biodiversity activities

Rich biodiversity is essential for life as we know it on this planet but is sadly facing a number of threats. By completing some of these activities, children will learn about our rich local biodiversity, understand what is happening to it and discover some actions they can take to help it.

Available venues (according to the selected activities): In-school, Wetland Centre (and surrounding area), Frances Le Sueur Centre and pond, Noir Pré/ Sand-dunes in St Ouen/ woodland setting, Victoria Tower, Seaside Café – Greve de Lecq

We have other biodiversity-related activities available, if you have a different site that you would like your group to visit or a topic that is not covered by the below activities, please speak to our Education Officer.



## B1. Learn about the natural world and its ecosystems:

	Activity	Curriculum links
B1.1	<u>Wetland Centre:</u> A range of interactive activities are available focusing on offspring, adaptation and life cycles.	Y2, Y4, Y5 – Living things and their habitats
B1.2	<u>Habitats:</u> Observe and learn about the different species that thrive in our local habitats, and which of these are threatened.	Y2, Y4 – Living things and their habitats
B1.3	<u>Wetland birds:</u> Learn about how wetland birds (Wetland Centre) are evolved for different habitats and construct bird-watching spotter charts.	Y2, Y4 – Living things and their habitats Y6 - Adaptation
B1.4	<u>Classification keys:</u> Learn about animal and invertebrate classification and create simple insect identification keys. (see B2.4 for follow-on 'Explore' activity and test your keys)	Y2, Y4 – Living things and their habitats Y6 – Classification; adaptation
B1.5	<u>Superworm:</u> Beginning with the popular children's story 'Superworm', then visiting the garden to dig for worms, learn why they are superheroes for soil health (see B2.5 for follow-on 'Explore' activity).	Y2 Living things and their habitats microhabitats Y3 recognise that soils are made of organic matter
B1.6	<u>Flower families:</u> Learn how to identify some common plant families and go on a wildflower walk to spot them.	(not suitable for Y1 – see B1.7 as alternative) Y3 – plants Year 4 – living things
B1.7	<u>Flower dissection:</u> Dissect a cut flower and learn about their anatomy and function.	Y1 – plants Y3 – plants



# Biodiversity activities

**B2. Explore** the natural world, and find out if and why certain animals, plants and habitats in Jersey are struggling:

	Activity	Curriculum links
B2.1	<u>Quadrats</u> : children will investigate two different natural areas (public area vs nature reserve) by looking at plant diversity in a hula-hoop quadrat. The data can then be investigated in class (or as part of the session) to discover any differences and discuss why there may be more diversity in a nature reserve.	Y4 – recognising environments can change KS1 & KS2 - Mathematics
B2.2	<u>Miniature waterways</u> : in groups, children will construct a watershed model using a variety of materials, to be then tested by simulating rainfall from a watering can.	Y1 – Explore the properties of basic materials. KS1 & KS2 - Human & physical geography
B2.3	Explore the <u>Wetland centre</u> and its displays on the importance of wetland habitats, plus bird spotter activities.	Y2, Y4 – Living things and their habitats Y6 - Adaptation
B2.4	<u>Wetland Centre</u> : A range of interactive activities are focusing on offspring, food chains, adaptation or life cycles (also available at other locations)	Y2, Y4, Y5 – Living things and their habitats
B2.5	<u>Bug safari</u> – Explore the insect biodiversity that lives in different habitats – off the ground, under cover and in the plants. Complementary spotter booklets are provided for the children to take away. (also a follow-on for B1.4 – test your keys in the 'field')	Y2, Y4 – Living things and their habitats Y6 – Classification; adaptation
B2.6	Create a <u>wormery</u> from recycled materials. For younger children or if there are no suitable worm-digging areas, we can bring some worms for the children to explore and learn how to handle sensitively (see B1.5 for related 'Learn' activity)	Y2 Living things and their habitats microhabitats Y3 recognise that soils are made of organic matter
B2.7	Dissect <u>owl pellets</u> to explore carnivores and prey.	Y2 – Living things and their habitats – food chains Y3 & Y4 – Animals, including humans
B2.8	<u>Pond-dipping</u> : explore the biodiversity of your school pond or the pond at the Frances Le Sueur Centre (subject to availability). Complementary spotter booklets are provided for the children to take away  Optional extra activity: assess the health of local ponds (including school ponds) and waterways using OPAL Water survey methods.	Y1 – identify and name common animals Y2 – living things & their habitats Y4 – living things & their habitats Y5 – life cycles, reproduction of some animals Y6 – living things & their habitats
B2.9	<u>Soils</u> : Explore the organic and inorganic 'ingredients' of soils and the mini and micro-organisms that call it their home	Y2 Living things and their habitats microhabitats Y3 – rocks & soils

# Biodiversity activities



## B3. Take Action to help protect our natural areas and biodiversity:

	Activity	Curriculum links
B3.1	<p>Create an <u>animal habitat</u> from natural or recycled materials:</p> <p>Make milk-carton 'bug hotels' or a large one can be constructed on school grounds from pallet boards (subject to availability).</p> <p>Make a 'toad abode' in school grounds to give our amphibian friends a home.</p> <p>See Pollinators activities P3.1, P3.2 and P3.5 for creating habitats for pollinators.</p>	<p>Y2 – habitats &amp; micro-habitats Y3 &amp; Y4 – Animals, including humans</p>
B3.2	<p><u>Actions</u>: discuss and agree to take home or back to school actions, such as conducting a waste audit or ways to improve gardens for biodiversity.</p>	<p>Y2, Y4 – Living things &amp; their habitats</p>
B3.3	<p><u>Litter</u>: conduct a litter pick of a natural area or create signs asking public to keep our areas clean.</p>	<p>Y2, Y4 – Living things &amp; their habitats</p>
B3.4	<p><u>Submit biodiversity findings</u> to local databases, using apps such as iSpot.</p>	<p>Y1 - Animals, including humans Y4, Y5, Y6 - Living things &amp; their habitats</p>
B3.5	<p><u>Invasives</u>: improve a habitat by removing an invasive plants species.</p>	<p>Y1, Y2, Y3 - Plants Y2, Y4 – Living things &amp; their habitats</p>



# Seas activities

Our seas cover 70% of the Earth's surface and are essential for life on the planet. Seas provide food, control the Earth's temperature and weather, and provide half of the world's oxygen. The Seas activities will give students the opportunity to understand how seas work, the creatures that live in them, and how they can play a role in protecting our seas for future generations.

Available venues (according to the selected activities): Wetland Centre, Various beach locations: La Rocque (toilets available), La Hocq (toilets available), Les Laveurs (opposite Jersey Pearl – toilets available), L'Etacq, Seaside Café

**Please see Appendix 1 for suitable low tides and suggested times and dates for sessions.**

If you have a different beach you would like your group to visit, please speak to our Education Officer.

**S1. Learn** about our seas and the creatures that rely on them, plus threats such as pollution and invasive species

	Activity	Curriculum links
S1.1	Learn about and discuss different <u>marine habitats and food chains</u> (construct own food chains on the beach). Plus, the effects of climate change on sea life.	Y2, Y4 – Living things & their habitats Y4 – recognising environments can change



**S2. Explore** our seas and the intertidal areas

	Activity	Curriculum links
S2.1	<u>Waves</u> : Experiment with making your own waves.	KS2 – Human & physical geography Y4 – States of matter, Y5 - Properties & changes of materials
S2.2	<u>Sea zones</u> : Create a model of the different sea zones from recycled materials.	Y1 – Animals, including humans Y2 – Living things & their habitats
S2.3	<u>Rockpool Rambles</u> : explore the intertidal area, and learn about these habitats and the creatures that reside there Complementary spotter booklets are provided for the children to take away.	Y2, Y4 – Living things & their habitats
S2.4	Build a <u>sea creature</u> : explore different marine species and the adaptations they have developed for their habitats. Children will then "build" their sea creatures out of sand and beachcombed materials in groups and discuss with the rest of the class.	Y2, Y4 – Living things and their habitats Y6 – Adaptation

## Seas activities



### S3. Take Action to help save our seas and the species that live in them

	Activity	Curriculum links
S3.1	Conduct a beach clean – take an audit of what you found and how long these take to break down in the ocean.	Y4 – Living things & their habitats
S3.2	Look for 'shark eggs' – make a note of the different ones that are found, the National Trust will then submit the data to the national Shark Trust database.	Y1, Y2, Y5 – Animals, including humans Y5 – Living things & their habitats
S3.3	Design an awareness-raising campaign for issues that affect our local seas.	Y4 – recognising environments can change
S3.4	Design a take-home investigation that can be used to discover where our seafood comes from and how sustainable it is.	Y4 – recognising environments can change
S3.5	Conduct <u>low-water</u> marine species surveys. (with data to contribute to local databases on marine species)	Y2, Y4 – Living things & their habitats KS1 & KS2 - Mathematics
S3.6	<u>Nurdle hunt:</u> search for and remove nurdles from a coastal area. Prevent these tiny pieces of plastic from returning to the ocean and creating more microplastics.	





# Pollinator activities

Many pollinators – both insects and other animals – are in decline. Wild pollinators are dying out all over the world, and we rely on them for nearly all of our food. By completing these workshops, children will be able to learn all about our pollinators, and discover some actions to help them

Available venues (according to the selected activities): In-school, The Elms –Walled Garden, Victoria Tower, Charles II wood and wildflower meadow

## P1. Learn about pollination and our pollinators

	Activity	Curriculum links
P1.1	Learn about and discuss how <u>pollination</u> works and the threats to our pollinators.	Y1, Y2, Y3 – Plants Y2 – Living things & their habitats
P1.2	<u>Without pollinators</u> : Create a collage or paint a picture about pollinators or what the children think the world would look like without pollinators. Children can also make their own “paints” using natural materials found outside.	Y1, Y2, Y3 – Plants Y4 – recognising environments can change



## P2. Explore our local pollinators

	Activity	Curriculum links
P2.1	<u>“Bee” a pollinator</u> : to explore how pollination works, younger children will take paintbrushes and try their hand at pollinating flowers in the area.	Y1, Y2, Y3 – Plants Y2 – Living things & their habitats
P2.1	Conduct a <u>FIT count</u> survey – to explore the variety of flying pollinators that visit our flowers (data for submission to the UK Pollinator Monitoring Scheme)	Y2, Y4 – Living things & their habitats KS1 & KS2 - Mathematics
P2.2	Explore the variety of plants and other pollinators found by conducting a <u>BioBlitz</u> survey	Y1, Y2, Y3 – Plants Y2 – Living things & their habitats

## Pollinator activities



### P3. Take Action to support our local pollinators

Activity	Curriculum links
P3.1 Create a <u>pollinator patch</u> in school in partnership with the Pollinator Project. We can support you in adding your school's patches to the CI Pollinator Friendly network and providing free official Pollinator Project seeds and signage for the area. <b>Please note</b> that to ensure the success of the patches, this activity is only available until May half-term	Y1, Y2, Y3 – Plants Y4 – Living things & habitats
P3.2 <u>Seed-bombs</u> : Choose from a variety of seeds for pollinator-friendly plants and make seed-bombs to help your home or school support pollinators	Y1, Y2, Y3 – Plants Y4 – Living things & habitats
P3.3 Create a <u>food diary</u> to investigate how your food was produced, find out which foods rely on pollinators and how you can try to choose foods that support pollinators	Y1, Y2, Y3 – Plants Y4 – Living things & habitats
P3.4 Take part in <u>citizen science</u> projects of your own, such as regular FIT counts in an area near to your school or home	Y2, Y4 – Living things & their habitats KS1 & KS2 - Mathematics
P3.5 Make your school or garden more pollinator friendly – by building a bee or bug hotel, or creating a bee drinking spot	Y2 – habitats & micro-habitats Y3 & Y4 – Animals, including humans



# Woodland activities

Forests and woodlands cover one-third of the land mass. Trees are the lungs that clean the air, provide the homes for so many plants and animals, and a livelihood for millions of people. They also sequester and store carbon, so are essential in the fight against climate change.

Available venues: various NTJ woodlands – School 'forest school area', St Peters Valley (Le Don Gaudin), Waterworks Valley (below Hamptonne – Le Don Sinkins), Fern Valley, Jardin D'Olivet, Grantez, Charles II wood

If you would like to complete any of the activities at a different wooded location, please discuss with our Education Officer.

## W1. Learn about our woodlands

	Activity	Curriculum links
W1.1	A presentation from our Education Officer on <u>native tree-species</u> of Jersey and the threats to them	Y1, Y2, Y3 – Plants Y4 – Living things & their habitats
W1.2	<u>Bark &amp; leaf rubbings</u> : Learn about different tree species and 'take them home' through activities such as bark and leaf rubbings	Y1, Y2, Y3 – Plants
W1.3	<u>Memory</u> and sorting (deciduous, etc.) game for different woodland plant species	Y1, Y2, Y3 – Plants



## W2. Explore our woodlands

	Activity	Curriculum links
W2.1	<u>Natural art</u> : Create different types of forest art using natural materials.	Y1, Y2, Y3 – Plants
W2.2	<u>Leaf bingo</u> : Explore the woodland tree and plant species and test what you have learned by playing leaf bingo.	Y1, Y2, Y3 – Plants
W2.3	<u>Den-building</u> : Explore people that live in woodlands and build your own shelter in teams.	Y2 – Living things & their habitats
W2.4	<u>Woodland Wonders</u> : Explore our woodlands and take part in a number of activities to suit your class and curriculum needs.	Y1, Y2, Y3 – Plants

## Woodland activities

### W3. Take Actions to help save our woodlands

	Activity	Curriculum links
W3.1	Collect and grow a <u>native tree seed</u> species for transplanting in a National Trust woodland.	Y1, Y2, Y3 – Plants Y4 – Living things & their habitats
W3.2	Help to remove <u>invasive plant species</u> that cause issues for the natural composition of our woodlands.	Y1, Y2, Y3 – Plants Y4 – Living things & their habitats
W3.3	Find out about <u>palm oil</u> and <u>sustainable paper</u> and pledge to help woodlands and forests all over the world by cutting down on their use.	Y4 – recognising environments can change
W3.4	Take part in a <u>litter clean</u> in one of our woodlands.	Y4 – recognising environments can change



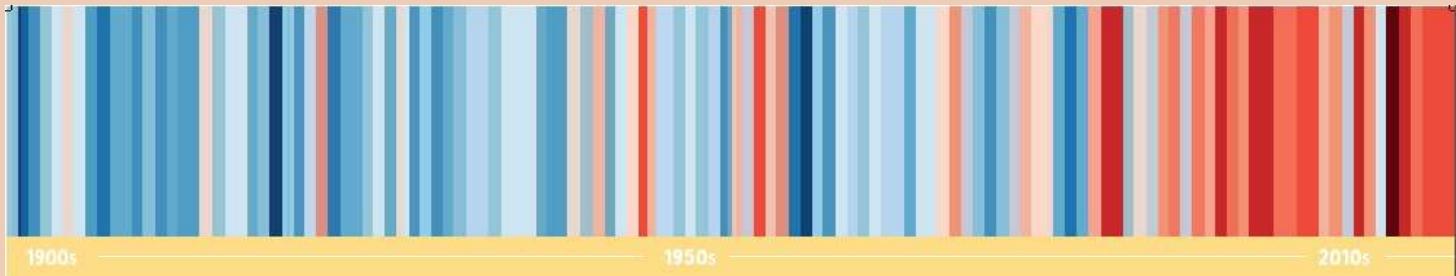
# Climate change activities

Climate Change is one of the biggest challenges facing everyone: the Earth is getting hotter, weather patterns are changing, glaciers are melting, and sea levels are rising. Human populations and the animal kingdom are being affected by Climate Change.

Available venues: In-school, Quétivel Mill, The Wetland Centre, Seaside Café

## C1. Learn about Climate Change

	Activity	Curriculum links
C1.1	<u>Presentation</u> on Climate Change and related discussion	Y4 – recognising environments can change
C1.2	Learn about and measure your carbon footprint.	" "
C1.3	Learn about <u>carbon neutrality</u> and discover what steps Jersey is taking to become carbon neutral	" "
C1.4	<u>Quétivel Mill</u> : Learn about the waterwheel by taking a trip to Quétivel Mill – one of the oldest forms of renewable energy, and see it in action	Y4 – recognising environments can change Y4 – Electricity Y5 - Forces



## C2. Explore Climate Change

	Activity	Curriculum links
C2.1	Explore the <u>Climate Hub</u> and the examples of renewable energy, including the pedal-powered bike on the first floor.	Y4 – recognising environments can change Y4 – Electricity Y5 - Forces
C2.2	Make <u>waterwheels</u> from recycled materials to understand renewable energy	Y4 – recognising environments can change Y4 – Electricity Y5 - Forces
C2.3	Conduct a waste survey at home or school and understand what can be recycled or reused	Y4 – recognising environments can change
C2.4	Make 'pizza box' ovens and test them outside in the sun by cooking your own 'smores'	Y4 – recognising environments can change

# Climate change activities



## **C3. Take Action to help fight Climate Change**

	Activity	Curriculum links
C3.1	Take home ideas from our We Have The Power booklets, which includes a range of simple actions that children can take at home.	Y4 – recognising environments can change
C3.2	Upcycling workshops – make some beautiful or useful craft from upcycled materials	" "
C3.3	Pledge to take steps to reduce their carbon footprints and make a collage of these ideas	" "
C3.4	Come up with ideas for an environmental campaign and how to encourage other children to get involved	" "
C3.5	Set up a recycling area at school or at home to try to encourage others to recycle cardboard, plastic bottles and metal cans	" "
C3.6	Arrange an event to share or reuse unwanted belongings.	" "



# **Daytime low tides & availability of beach activities**

Please see below table for daytime low-tides on available Seas workshop dates

<b>Month</b>	<b>Date</b>	<b>Day</b>	<b>Time</b>	<b>Workshop start time</b>
<b>April</b>	29	Wed	12:31	11:30
	30	Thurs	13:11	12:00
<b>May</b>	1	Fri	13:45	12:30
	13	Wed	10:41	9:30
	14	Thurs	11:37	10:30
<b>June</b>	15	Fri	12:30	11:30
	11	Thurs	9:48	9:30
	12	Fri	10:54	10:00
	25	Thurs	10:02	9:30
<b>July</b>	26	Fri	11:02	10:00
	1	Wed	14:38	13:30
	15	Wed	14:36	13:30