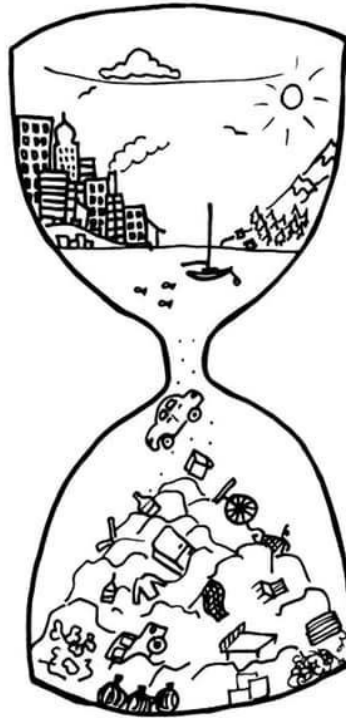


# TIME FOR



# CHANGE

*Argyll & Bute*

## **RESOURCES TO SUPPORT EDUCATION ON CLIMATE CHANGE FOR TEACHERS IN ARGYLL & BUTE**

These resources have been put together by *Time for Change Argyll & Bute*, an environmental conservation organisation which promotes local action on climate change. The aim is to provide teachers with easy access to resources on environmental projects both locally within Argyll & Bute, and from national and international projects.

Resources collated May 2023. New resources will be added as they become available. Please check our website for the most up to date version.

<https://timeforchangeargyllandbute.org/>

Environmental education is covered in the following Experiences and Outcomes & Benchmarks of the Curriculum for Excellence.

## **EARLY LEVEL**

### **Technologies**

To help care for the environment, I reduce, re-use and recycle the resources I use. **TCH 0-06a**

- Understands what can be reduced, re-used and recycled.

### **Social Studies**

I explore and appreciate the wonder of nature within different environments and have played a part in caring for the environment. **SOC 0-08a**

- Identifies different methods of taking journeys
- Expresses thoughts about which ways of travelling impact the environment both positively and negatively.
- Talks about something they have done to care for the environment.

### **Sciences**

I can talk about science stories to develop my understanding of science and the world around me. **SCN 0-20a**

- Talks about the science they encounter in their everyday experiences.
- Explores, through role-play, how science and science skills are used in a variety of jobs.

## FIRST LEVEL

### **Technologies**

I can take appropriate action to ensure conservation of materials and resources, considering the impact of my actions on the environment. **TCH 1-06a**

- Identifies ways in which energy can be saved.
- Understands how and where we waste materials and resources.

I understand how technologies help provide for our needs and wants, and how they can affect the environment in which we live. **TCH 1-07a**

- Demonstrates an understanding of how technologies, by meeting our needs and wants, affect the environment in which we live.

### **Social Studies**

I can consider ways of looking after my school or community and can encourage others to care for their environment. **SOC 1-08a**

- Identifies a way in which the school looks after its environment

### **Sciences**

I have contributed to discussions of current scientific news items to help develop my awareness of science. **SCN 1-20a**

- Discusses and expresses opinions about science topics in real-life contexts, including those featured in the media.
- Discusses how people use science in their everyday lives.
- Describes a variety of jobs and careers which require scientific knowledge and skills.

## **SECOND LEVEL**

### **Technologies**

I can analyse how lifestyles can impact on the environment and Earth's resources and can make suggestions about how to live in a more sustainable way. **TCH 2-06a**

- Explains how and why it is important to conserve energy.

I can make suggestions as to how individuals and organisations may use technologies to support sustainability and reduce the impact on our environment. **TCH 2-07a**

- Discusses the advantages and disadvantages of how technologies impact on the environment for example, renewable energy technologies.

### **Social Studies**

I can discuss the environmental impact of human activity and suggest ways in which we can live in a more environmentally-responsible way. **SOC 2-08a**

- Identifies at least three impacts of human activity on the environment.
- Suggests at least three ways in which people can live in a more environmentally responsible way.

Having explored the ways journeys can be made, I can consider the advantages and disadvantages of different forms of transport, discussing their impact on the environment.

#### **SOC 2-09a**

- Identifies at least four ways in which journeys can be made.
- Describes at least one advantage and disadvantage for each form of transport.
- Shares knowledge about the impact of the various types of transport on the environment either verbally or in writing.

### **Sciences**

Through exploring non-renewable energy sources, I can describe how they are used in Scotland today and express an informed view on the implications for their future use. **SCN 2-04b**

- Researches non-renewable sources of energy, such as fossil fuels and nuclear, and discusses how these are used in Scotland.
- Draws on increasing knowledge and understanding to suggest ways in which they can reduce their own energy use and live more sustainably.

I have investigated different water samples from the environment and explored methods that can be used to clean and conserve water and I am aware of the properties and uses of water.

#### **SCN 2-18a**

- Researches methods used to conserve water within the home, school and globally and communicates findings to others.

I can report and comment on current scientific news items to develop my knowledge and understanding of topical science. **SCN 2-20b**

- Explores items of current scientific interest within the school, local community, nationally or in the global media and collates, organises and summarises findings, with assistance.
- Shares opinions about a variety of topical scientific issues considering, for example, moral, ethical, societal, cultural, economic and environmental aspects.

# ARGYLL & BUTE BASED ORGANISATIONS & PROJECTS

## ACT (Argyll & the Isles Coast and Countryside Trust)

First/Second Level

**Cooler Futures** – Climate Change Training for Argyll & Bute Children and Young People.

“Developing climate knowledge, promoting positive action, and fostering resilience in a changing world.”

This programme is still under development (April 2023), and is being run as a pilot with a few local groups.

For further information and to keep up to date with the project, please check this link to the website or email [Jamie@act-now.org.uk](mailto:Jamie@act-now.org.uk). ACT also has a Facebook page with current news updates.

[https://www.act-now.org.uk/cooler-futures?utm\\_source=admin\\_share\\_link](https://www.act-now.org.uk/cooler-futures?utm_source=admin_share_link)

ACT has also produced a map of environmental projects in Argyll & Bute: -

<https://padlet.com/timeforchangeargyll/educational-resources-t0d67y39r8o3ffju/wish/1585215687>

Schools can become members of ACT for free by signing up to the link below, which will enable you to: -

- Receive quarterly newsletters to keep up to date with our activities
- Be invited to our AGM
- Be able to suggest projects that can benefit your community
- Be supporting our efforts to maintain, enhance and promote Argyll and the Isles

[https://www.act-now.org.uk/join-us-membership?utm\\_source=admin\\_share\\_link](https://www.act-now.org.uk/join-us-membership?utm_source=admin_share_link)

## ALI ENERGY

(Argyll, Lomond & the Islands Energy Agency)

Second Level

“Allenergy works to promote sustainable energy use and renewable energy generation, to address fuel poverty and reduce carbon emissions.”

Currently engaging with all primary 7 pupils in their project area of Mid Argyll & Kintyre, and are not currently funded to cover the whole of Argyll & Bute.

<https://www.alienergy.org.uk/education-training-skills/>

<https://www.alienergy.org.uk/education-training-skills/stem-education-activity-2021-22/>

Education Officer contacts: -

Katie Evamy - **07718 426087** - [katie@alienergy.org.uk](mailto:katie@alienergy.org.uk)

Michael Wall - **07718 426086** - [michael@alienergy.org.uk](mailto:michael@alienergy.org.uk)

## **ALLT DEARG COMMUNITY WINDFARM**

First/Second Level

<https://www.lochfynewindfarms.com/>

(Website shortly to be updated)

Located off the A83 between Tarbert and Ardrishaig, Allt Dearg welcomes school visits, and can be contacted via the website.

Some FAQs on windfarms on the link below: -

<https://www.lochfynewindfarms.com/WindyFacts.aspx>

## **ARGYLL & BUTE COUNCIL**

Find out what Argyll & Bute Council is doing with regard to climate change and environmental planning on its website: -

Climate Change – Climate Friendly Argyll & Bute

<https://www.argyll-bute.gov.uk/climate-change>

Sustainable Development & Climate Change

<https://www.argyll-bute.gov.uk/sustainable-development-and-climate-change>

Community Planning Partnership – Climate Change

<https://www.argyll-bute.gov.uk/cpp-climate-change>

## **ARGYLL & BUTE RENEWABLES MAP**

A map of Argyll & Bute showing locations of all of the renewable sources of energy generation – onshore and offshore wind/solar/hydro/tidal/wave/biomass. It also includes information on whether they are operational/pending/refused etc.

<https://argyll->

[bute.maps.arcgis.com/apps/webappviewer/index.html?id=fa5f97accaf34ab7a1af1d280eb04568](https://argyll-bute.maps.arcgis.com/apps/webappviewer/index.html?id=fa5f97accaf34ab7a1af1d280eb04568)

## **ARGYLL HOPE SPOT**

First/Second level and above

<https://argyllhopespot.scot/>

<https://storymaps.arcgis.com/stories/dcf05e18df86415f9995719ab7b41314>

Hope Spots are an initiative of Mission Blue, which inspires action to explore and protect the ocean. The Argyll Hope Spot is currently the only one in the UK – and the Argyll coasts are as important a marine area as the Galapagos and the Great Barrier Reef.

<https://mission-blue.org/>

Argyll Hope Spot has a focus on outreach, visiting schools with an Education programme including an activity pack for teachers. They are also able to provide CPD for teachers to provide resources, activities and ideas for the classroom and outdoor learning.

For further information, contact Keira Anderson [hello@argyllhopespot.scot](mailto:hello@argyllhopespot.scot)

## **CARDROSS CLIMATE ACTION NETWORK**

A community organisation aiming to share information and resources to promote low carbon and sustainability in the village.

Facebook pages – Cardross Climate Action Network.  
Argyll & Bute Climate Action Network

## **GRAB TRUST** (Group for Recycling in Argyll & Bute)

Early Level, Primary and Secondary

Beaches and Marine Litter Education – regularly working with schools throughout Argyll & Bute.

<http://www.grab.org.uk/>

<https://www.grab.org.uk/education.html>

They are also involved in many other community projects – for example, ‘Give your litter a lift’, ‘Waste free takeaway’, ‘Sew your own pad workshops’.

<https://www.grab.org.uk/projects.html>

There is also a Beaches & Marine Litter Project Facebook page, where you can find ongoing information on projects and activities.

For Education workshops, contact Beaches & Marine Litter Project Workers: -

### **Kerry MacKay**

Mid-Argyll, Kintyre, Oban, Lorn & the Isles

Tel: 01546 604407, Email - [kerry.mackay@grab.org.uk](mailto:kerry.mackay@grab.org.uk)

### **Jacqueline Willis**

Helensburgh, Lomond & Cowal

Email - [jacqueline.willis@grab.org.uk](mailto:jacqueline.willis@grab.org.uk)

## **CRUACHAN – THE HOLLOW MOUNTAIN Hydro Power Station**

First/Second Level

Located on the north bank of Loch Awe, 19 miles from Oban.

Educational visits to the Cruachan Visitor Centre and inside the Hollow Mountain are free. The Visitor Centre has educational boards, interactive displays and activity areas for school groups, as well as outdoor play areas. The Visitor Centre also has an educational webinar programme, suitable for primary schools.

<https://www.visitcruachan.co.uk/visit-us/>

[visit.cruachan@drax.com](mailto:visit.cruachan@drax.com)

## **HEART OF ARGYLL WILDLIFE ORGANISATION**

Early/First/Second Level

The Heart of Argyll Wildlife Organisation has been delivering the educational aspects of the Loch Craignish Native Oyster Restoration Project since its inception. They are currently working with a number of primary schools throughout Argyll and Bute, with the children monitoring the growth and development of the oysters and a number of other environmental factors.

They are also responsible for the delivery of the Argyll Hope Spot education programme, raising awareness of the unique marine species that have resulted in the Hope Spot designation, the first of its kind in the UK.

Their base, The Argyll Beaver Centre, also functions as a field centre for all ages of learners and they deliver both curriculum-based and informal education, either there or within the schools.

All of the above are supported by teaching packs and other resources, that can be used by teaching staff either before or after working with them.

[pete@heartofargyllwildlife.org](mailto:pete@heartofargyllwildlife.org)

<https://www.argyllbeavercentre.co.uk/>

You can also follow Heart of Argyll Wildlife on their Facebook page for up-to-date news.

## **SCOTTISH ASSOCIATION FOR MARINE SCIENCE (SAMS), Oban**

Early/First/Second Level

<https://www.sams.ac.uk/>

SAMS travel to local schools and have school visits in their Ocean Explorer Centre. They also hope to have a Digital Ocean Explorer Centre with resources online in the not too distant future.

A new post has just been set up, which will facilitate school workshops. In the past, workshops have been run on topics such as seaweed and microalgae, marine protected areas, technology, the Arctic, food chains.

Contact for STEM for schools - [Mia.Leng@sams.ac.uk](mailto:Mia.Leng@sams.ac.uk)

Contact for visitors to the Ocean Explorer Centre - [Helen.McNeill@sams.ac.uk](mailto:Helen.McNeill@sams.ac.uk)



## **SEAWILDING SCOTLAND (Community led marine habitat restoration)**

<https://www.seawilding.org/>

Seawilding is the UK's first community-led native oyster and seagrass restoration project, based in Loch Craignish, Argyll. Educational programme delivered by **Heart of Argyll Wildlife**.

Scroll to the bottom of the following link to watch a film about their work.

<https://www.seawilding.org/aboutus>

## **SUSTAINABLE TAYVALLICH**

<https://sites.google.com/make-do.studio/tayvallich-sustainability-plan/home>

Find out how this Argyll community is working to be more sustainable, creating a Community Climate Action Plan, with the support of Keep Scotland Beautiful. Click on the Resources section to read what Tayvallich Primary School Pupils have written about their visions for their area in 30 years' time.

## **TIME FOR CHANGE ARGYLL & BUTE**

Explore the website to see how a group of local people have been working to promote environmental issues in Argyll & Bute and beyond.

<https://timeforchangeargyllandbute.org/>

<https://padlet.com/timeforchangeargyll/educational-resources-t0d67y39r8o3ffju>

# NATIONAL & INTERNATIONAL RESOURCES

## ADAPTATION SCOTLAND

Second level

<https://adaptationscotland.org.uk/climatereadyplaces/>

The above link gives a visual representation of different types of land area in Scotland, the potential issues arising from climate change, and adaptations which could be made to help communities deal with these issues. Most relevant to Argyll & Bute are Coastal, Upland and Lowland.

Interactive with click-on links, suitable for use on a Smartboard.

Linked to these visuals are information sheets giving further details on each type of land area.

Climate Ready Places – Info Sheet 4 – The Coast

[https://www.adaptationscotland.org.uk/application/files/9014/7187/0735/CRP\\_Coastal\\_Info\\_sheet\\_4.pdf](https://www.adaptationscotland.org.uk/application/files/9014/7187/0735/CRP_Coastal_Info_sheet_4.pdf)

Climate Ready Places – Info Sheet 5 – Lowlands

[https://www.adaptationscotland.org.uk/application/files/8614/7187/0736/CRP\\_Lowlands\\_Info\\_sheet\\_5.pdf](https://www.adaptationscotland.org.uk/application/files/8614/7187/0736/CRP_Lowlands_Info_sheet_5.pdf)

Climate Ready Places – Info Sheet 6 – Uplands

[https://www.adaptationscotland.org.uk/application/files/7714/7187/0736/CRP\\_Uplands\\_Info\\_sheet\\_6.pdf](https://www.adaptationscotland.org.uk/application/files/7714/7187/0736/CRP_Uplands_Info_sheet_6.pdf)

This link to a school in Ayrshire shows how a new school building can be built to be climate resilient and low carbon.

<https://www.adaptationscotland.org.uk/get-involved/our-projects/colmonell-primary-school>

## CITY TO SEA

Second level and above

<https://www.citytosea.org.uk/>

The website covers the problem of plastic and the climate crisis, with two educational resources currently under development –

- Rethink Period Products <https://www.citytosea.org.uk/campaign/plastic-free-periods/rethink-periods/>
- Rethink Water <https://www.refill.org.uk/rethink-water/>

## **CLIMATE CHANGE MAKERS**

Second Level

Watch videos and read the stories about young people who are working to make a difference on climate change – the youngest started at aged 6!

<https://climatechangemakers.worldslargestlesson.globalgoals.org/>

## **COASTAL – CLIMATE CENTRAL**

Second level

Climate Central has produced flood maps showing which parts of the world will be underwater at least once a year due to sea level rise by 2050. See how this may affect coastal areas of Argyll & Bute.

[https://coastal.climatecentral.org/map/11/-0.1212/51.4848/?theme=sea\\_level\\_rise&map\\_type=ice\\_sheet&basemap=roadmap&contiguous=true&elevation\\_model=best\\_available&ice\\_loss\\_level=1.0&ice\\_sheet=antarctic&refresh=true&water\\_unit=m](https://coastal.climatecentral.org/map/11/-0.1212/51.4848/?theme=sea_level_rise&map_type=ice_sheet&basemap=roadmap&contiguous=true&elevation_model=best_available&ice_loss_level=1.0&ice_sheet=antarctic&refresh=true&water_unit=m)

## **EARTH OVERSHOOT DAY**

Resources and classroom activities suitable for Second Level and above.

“Earth Overshoot Day marks the date when humanity’s demand for ecological resources and services in a given year exceeds what Earth can regenerate in that year.” The website explores and gives examples of many solutions to this problem.

<https://www.overshootday.org/>

Calculate your carbon footprint and try to come up with ways to reduce it.

<https://www.overshootday.org/kids-and-teachers-corner/classroom-activities/>

## **FRIENDS OF THE EARTH SCOTLAND**

Campaigning on today’s most urgent environmental issues.

<https://foe.scot/>

Sign up for a Climate Protectors pack, with activities suitable for Early/First/Second level.

<https://friendsoftheearth.uk/donate/have-fun-together-get-your-planet-protectors-pack-today>

## **GLASGOW SCIENCE CENTRE**

Second level

Curious about – our Planet

“Uncover the impact of climate change on our beautiful planet and help build a more sustainable future.”

<https://curiousabout.glasgowsciencecentre.org/ourplanet/>

“Scottish Power have teamed up with Glasgow Science Centre to produce 3 lessons for P5-P7 pupils exploring climate change through STEM. These digital resources complement the printed materials for these lessons, and the activities focus on innovations in the context of reducing plastic waste (Eco-friendly Water Bottle lesson), harnessing ‘waste’ gases (Biogas lesson), and recycling (Recycling Savers lesson). Each lesson is designed in line with second level Curriculum for Excellence experiences and outcomes.”

<https://www.glasgowsciencecentre.org/learn/teacher-resources/climate-change>

## **GLOBAL GOALS (World’s Largest Lesson)**

Early/First/Second Level

In 2015, world leaders from all 193 countries of the United Nations agreed to 17 global goals. In partnership with UNICEF, this resource has links to videos, activities and classroom resources to help pupils learn about and engage with the goals. Use the filter tool to select age group and area of the goals you want to discover. You can also use the filter to find books and comics, some of which can be downloaded and displayed on a laptop or Smartboard.

<https://worldslargestlesson.globalgoals.org/campaign/getting-started/>

## **GREENPEACE**

First/Second Level

Lots of resources and classroom activities on all aspects of environmental issues and climate change to download at: -

<https://www.greenpeace.org.uk/all-resources/education-resources/#seven>

## **KEEP SCOTLAND BEAUTIFUL**

Resources for Early Level, Primary and Secondary pupils.

[Climate Ready Classrooms for Primary Schools](#) is a one-day course that provides upper primary pupils with three workshops and a series of activities that support learning about climate change and biodiversity within the Curriculum for Excellence, and a focus on solutions, actions and hope.

The course is offered via local authorities and delivered online to several schools from the same local authority at once, aiming at facilitating connections between schools and a focus on local challenges and solutions.

<https://www.keepsotlandbeautiful.org/climate-action-schools/climate-ready-classrooms/primary/>

Introduction to Climate Change resources introduce pupils to key concepts surrounding climate change aims to establish basic knowledge relating to the main issues, impacts and effects that relate to it.

The four units making up the course are - Climates/Climate Change/Climate Justice/Climate Action.

<https://www.keepsotlandbeautiful.org/climate-action-schools/climate-ready-classrooms/primary-course/>

The following section of the website is aimed at Youth Workers, but has activities on Food, Travel, Energy and Waste which are also suitable for classroom use. Age ranges for each activity are given, from ages 5 – 14+.

<https://www.keepsotlandbeautiful.org/climate-change/climate-change/young-people-and-climate-change/toolkit/>

## **LEARNING THROUGH LANDSCAPES**

[https://www.ltl.org.uk/resources/climate\\_change\\_dodgeball/](https://www.ltl.org.uk/resources/climate_change_dodgeball/)

Focus on outdoor learning, from Early Level to Secondary pupils, with games and activities linked to global warming.

## **NASA CLIMATE KIDS**

Resources for First/Second Level

<https://climatekids.nasa.gov/>

Answering some of the big questions about climate change in a pupil friendly format.

## **NATIONAL GEOGRAPHIC KIDS**

Suitable for end of First/Second Level

Learn about the circular economy in a pupil friendly way with National Geographic Kids.

[https://www.natgeokids.com/uk/discover/science/general-science/all-about-the-circular-economy/?fbclid=IwAR25OB2q2zGcy7Jvz9Iq-Bfwrk68DZFRqyggjjyOYRP2\\_3Qr\\_SMtdNGkAwA](https://www.natgeokids.com/uk/discover/science/general-science/all-about-the-circular-economy/?fbclid=IwAR25OB2q2zGcy7Jvz9Iq-Bfwrk68DZFRqyggjjyOYRP2_3Qr_SMtdNGkAwA)

## **OXFAM**

Resources for Primary and Secondary pupils

<https://www.oxfam.org.uk/education/classroom-resources/climate-challenge/>

## **PLASTIC FREE SCHOOLS**

<https://plasticfreeschools.org.uk/>

A UK wide project to support schools to cut down plastic use. Sign up your school to access resources and see what you can do to keep plastic use to a minimum and protect the environment. So far very few Argyll & Bute schools have signed up to this. An example of this can be seen in the Helensburgh community which recently achieved 'plastic free' status after a huge community effort in which schools were involved. See the '[Plastic Free Helensburgh](#)' Facebook page.

## **POLAR EXPLORER PROGRAMME (STEM Learning)**

First/Second Level

"This pack contains all the teaching notes and resources that schools needed to take part in the Polar Explorer Programme run by the National STEM Learning Network in 2019. Although the programme has now finished the resources and activities that were created can still enthuse and engage pupils about STEM subjects..."

<https://www.stem.org.uk/resources/collection/241660/polar-explorer>

## **SCOTTISH WILDLIFE TRUST**

<https://scottishwildlifetrust.org.uk/>

The Scottish Wildlife Trust works "in pursuit of its vision of healthy, resilient ecosystems across Scotland's land and seas."

Resources include an online Learning Zone, with ideas for indoor and outdoor activities for all primary levels.

<https://scottishwildlifetrust.org.uk/things-to-do/learn/>

## **SEPA (Scottish Environment Protection Agency)**

SEPA has an Education and Engagement programme, highlighting the risks of greater flooding posed by climate change, and helping communities to prepare for the impacts of this.

<https://www.sepa.org.uk/environment/water/flooding/education-and-engagement/>

## **TERRACYCLE**

<https://www.terracycle.com/en-GB/>

Work on recycling all of those 'hard to recycle' plastic products. For example, glue sticks, pens, art and crafts materials, office materials, crisp and sweet packets. Schools can sign up to be recycling hubs for their communities, and earn points which can be redeemed for a donation to your school.

The following link tells how to get your school involved:

<https://www.terracycle.com/en-GB/pages/zero-waste-box-recycling-solution-for-schools>

## **UNICEF**

Second Level

Pupils can test their knowledge of issues related to climate change by taking this online quiz

<https://www.unicef.org/climate-action#quiz>

Lots more information and videos, and links to activities in the following link

<https://www.unicef.org/climate-action#for-youth>

## **WHITELEE WINDFARM VISITOR CENTRE**

Early/First/Second Levels.

Located on Eaglesham Moor, 20 minutes from Glasgow, Whitelee Windfarm has an educational programme which can be delivered through school visits led by Glasgow Science Centre. It also has a short programme on climate change which can be delivered online through Google Meet. Resources for teachers are also available to download from the website.

<https://www.whiteleewindfarm.co.uk/visitor-centre/what-we-offer/schools>

## **WORLD WILDLIFE FUND**

Resources for Early Level, Primary and Secondary pupils.

“We’ve produced a range of curriculum linked resources for the classroom to help your pupils explore the issues of climate change in an engaging and motivating way.”

<https://www.wwf.org.uk/get-involved/schools/resources/climate-change-resources>

## READING LIST

- **The School Reading List - Environment, climate change and eco topic books**

<https://schoolreadinglist.co.uk/books-for-topics/environment-eco/>

This website has a wide range of fiction and non-fiction books on environmental issues. There is a 'blurb' for each book, and a recommended age guide for nursery to secondary age groups.

- **Getepic**

<https://www.getepic.com/>

A free online resource which contains fiction and non-fiction books on climate change and the environment. Teachers can create an account and set books for pupils to read and track progress. All books have a guide to reading ages.

- **Deep Space Sparkle Magazine – Ecology and Conservation Bundle (Early/First/Second Level)**

[https://www.flipsnack.com/deepspacesparkle/april-2022-sparkle-magazine/full-view.html?fbclid=IwAR2qJyMYttFG\\_FVptpuOp\\_uxpzwkKGoewOc\\_QoAdvlcfaGzV1Wq8q9pcBLo](https://www.flipsnack.com/deepspacesparkle/april-2022-sparkle-magazine/full-view.html?fbclid=IwAR2qJyMYttFG_FVptpuOp_uxpzwkKGoewOc_QoAdvlcfaGzV1Wq8q9pcBLo)

Art lessons and resources linked to environmental issues, plus recommended books.

- **Little Bag of Worries (Early/First Level)**

Virginia Ironside

- **Norah the Polar Bear and Marcin, the Polar Bear Whisperer: A story about hope, friendship and solutions for taking care of the Earth (Early/First/Second Level)**

Claudia van Zuiden

- **The Blue Giant (Early/First Level)**

A picture book story about the problems of plastic pollution affecting our oceans, told through the eyes of a young boy and a whale.

Katie Cottle

- **The Green Giant (Early/First Level)**

A picture book story about making our cities and the world a greener place.

Katie Cottle

- **Love Our Earth: A Colourful Counting Story (Early/First Level)**

Created in conjunction with earthday.org to introduce children to nature and how to care for it.

Jane Cabrera



➤ **The Lorax (Early/First Level)**

“...using humour and rhyme to raise awareness of the destruction of the environment...”

Dr Seuss

**Early/First Level**

- **Duffy’s Lucky Escape:** A True Story about Plastic in our Oceans
- **Marli’s Tangled Tale:** A True Story about Plastic in our Oceans
- **Nelson’s Dangerous Dive:** A True Story about the Problems of Ghost Fishing Nets in our Oceans
- **Hunter’s Icy Adventure:** A True Story about the Global Problem of Climate Change
- **Buddy’s Rainforest Rescue:** A True Story about Deforestation
- **Sunny’s Blazing Battle:** A True Story about Climate Change
- **Ziggy’s Frightening Flight:** A Story about Habitat Loss

All by Ellie Jackson

➤ **Polar Bear, Why is your World Melting? (Early/First Level)**

Robert E Wells

➤ **This Morning I Met a Whale (First/Second Level)**

Michael Morpurgo

➤ **Breaker (Second Level)**

Annemarie Allan

“Tom and Beth must save the Firth of Forth from environmental disaster in this timely underwater adventure with community activism at its heart.”

➤ **Wilderness Wars (Second Level)**

Barbara Henderson

“Wilderness Wars is a gripping adventure story about respecting nature’s power and caring for the environment.”

➤ **The Whale Watchers (Second Level)**

Dougie Poynter

“The book follows the story of Finn who ends up on a rescue mission to save a whale who has become entangled in plastic. Readers join his journey of discovery, they learn about the role whales play in combatting climate change and their startling carbon capture abilities. It’s a little-known fact that whales re-distribute nutrients across the seas, and are essential to the marine eco-system and the production of phytoplankton, which produces over half of the world’s oxygen – they are the rainforests of the ocean.”

➤ **Earth Heroes: Twenty Inspiring Stories of People Saving Our World (Second Level)**

Lily Dyu

This book has linked teaching resources which may be downloaded at:

<https://nosycrow.com/wp-content/uploads/2020/06/Earth-Heroes-Resources.pdf>