**June 2020**

**Climate change education resources**

This list has been compiled by West Midlands Sustainable Schools Network.

We are a diverse network of organisations and individuals providing support to schools on sustainability themes.

Website: [https://westmidlandssustainableschoolsnetwork.com](https://westmidlandssustainableschoolsnetwork.com/)

*Please feel free to add to or amend this list and send your revised version to wmsussch@gmail.com*

*Most, but not all, of these resources are accessible online without cost.*

**P** – Resource mostly for Primary schools

**S** – Resource mostly for Secondary schools

**Teaching resources, stimulus materials and programmes**

A Giant Change: http://www.skipseducational.org/a-giant-change **P**

Association for Science Education:

Climate Change Evidence and Causes: https://www.ase.org.uk/resources/school-science-review/issue-354/climate-change-evidence-and-causes

Effective strategies for talking about climate change in the classroom: https://www.ase.org.uk/resources/school-science-review/issue-354/effective-strategies-talking-about-climate-change **S**

The Adventures of Polo The Bear (Pay-for book): **P** https://www.ase.org.uk/bookshop/adventures-of-polo-bear-story-of-climate-change

Birmingham Youth Strike for Climate: **P/S**

Home learning resources: <https://linktr.ee/bhamys4c>

CBBC: In pictures, the changing world **P/S** http://news.bbc.co.uk/cbbcnews/hi/newsid\_4760000/newsid\_4762000/4762089.stm

Centre for Human Rights and Citizenship Education (Dublin). Teaching About Climate Change (Book). [https://www.dcu.ie/chrce/resources.shtml](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.dcu.ie%2Fchrce%2Fresources.shtml&data=02%7C01%7C%7C741f15c7c4ca43ffdc8f08d6eb15fec9%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636954877028236792&sdata=IZuWWFJlsrkUbVZv4vNiFhaYpi7aRxB295REbg5uip0%3D&reserved=0) **P/S**

Climate change, local and global: https://www.tidegloballearning.net/primary-early-years/climate-change-local-and-global-enquiry-approach-feature-article

Supporting resources: https://www.tidegloballearning.net/primary-early-years/publications-support-climate-change-local-global **P/S**

Climate KIC: https://www.climate-kic.org/programmes/education/ **S**

Climate Visuals: Online images relating to climate change: http://climatevisuals.org/about

Design and Technology Association: Focus climate change (pay-for digital materials): https://www.data.org.uk/shop-products/focus-climate-change-single-licence/ **P/S**

Eco Detectives (active science – phenology): **P**

[https://drive.google.com/open?id=0B9Dy75bP0m8menpnclZlZklvWjg](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdrive.google.com%2Fopen%3Fid%3D0B9Dy75bP0m8menpnclZlZklvWjg&data=02%7C01%7C%7C741f15c7c4ca43ffdc8f08d6eb15fec9%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636954877028246797&sdata=zLl9cKRJ1AfRb%2BijY0vL9en6ZBVwG3dpeqUTi5C979s%3D&reserved=0)

Eco Schools:

Energy (Primary - **P**): https://www.eco-schools.org.uk/eyfs-primary-pathway/ten-topics/energy-2/

Energy (Secondary - **S**): https://www.eco-schools.org.uk/secondary-pathway/ten-topics/energy/

Economist Foundation – Climate emergency resources (free download of workshop resources): <https://economistfoundation.org/free-resources/> **P/S**

EduCCate (UN accredited teacher development programme): https://unccteachacademy.kartra.com/page/ClimateChangeTeacherAcademyUKSignUp

Explaining climate change to adults (video by children): https://youtu.be/J31jRvqLskU **P**

Geographical Association:

(Primary - **P**) https://www.geography.org.uk/teaching-resources/investigating-climate-zones-and-climate-change

https://www.geography.org.uk/Young-geographers-go-green-online-cpd

(Secondary case study - **S**): https://www.geography.org.uk/teaching-resources/climate-change-bangladesh

(General) https://www.geography.org.uk/teaching-resources/weather-climate-change/investigating-climate-change

Green Teacher: <https://greenteacher.com>

Highgate School – Pupil-created climate change lessons

Teacher led climate change lesson 16+ **S**

<https://docs.google.com/presentation/d/11CjeepT-8TeRLr7FvKKWROHxLo2_u02rAt_MPXCKkg0/edit>

Teacher led climate change lesson 8-12 yr olds **P/S**

<https://docs.google.com/presentation/d/1eM730qHv-l0VFwHYBR-KnRcgd0qHVWjfwnInDKkYsCY/edit>

Independent climate change lesson 16+ **S**

<https://docs.google.com/presentation/d/18KitxCBHZhl-UU7PKeTEqKDbMqVB5KlbSSORq16IrSA/edit>

Independent climate change lesson 8-12yr olds  **P/S**

<https://docs.google.com/presentation/d/1s0fZ43hbVjDN5jhwe-iIM0B2iEjqMuJgbklattwUapw/edit>

Website to help students set up eco groups in secondary schools: **S**

<https://ashivy3.wixsite.com/ecoschoolresources>

Hope for the future (Climate workshops). Contact sarahr.hopeftf@gmail.com  **S**

Interclimate network: http://www.interclimate.org **S**

Learning to choose: climate change:  **S** https://www.tidegloballearning.net/resources/learning-choose

Less CO2 (programme includes free workshops): http://www.lessco2.org.uk  **P/S**

School Energy Efficiency: http://www.schoolenergyefficiency.co.uk

NYCI Climate Revolution pack: <https://www.youth.ie/documents/climate-revolution-one-world-week-development-education-and-global-citizenship-education-resource-pack/> **P/S**

Oxfam climate challenge 7-11: https://www.oxfam.org.uk/education/resources/climate-challenge-7-11 **P**

Peacemakers (climate workshops): https://peacemakers.org.uk **P**

Practical Action:

Information: <https://practicalaction.org/climate-change> and https://practicalaction.org/our-aims/energy-that-transforms/

Teaching resources: https://practicalaction.org/climate-change-resources **P/S**

## Promising Practices of Climate Action From 10 Canadian ASPnet Schools. Case studies from Canada, downloadable at https://en.ccunesco.ca/resources P/S

Rayburn Tours. Five signs of climate change poster /handout (free download). <https://www.rayburntours.com/5-signs-of-climate-change-2> **P/S**

Royal Geographical Society with IBG:

Climate 4 Classrooms: https://www.rgs.org/schools/teaching-resources/climate-4-classrooms/ **S**

Climate Change workshop resources: https://www.rgs.org/schools/teaching-resources/climate-change/  **S**

Climate change resources (KS3): https://www.rgs.org/schools/teaching-resources/climate-change-resources-key-stage-three/ **S**

Galapagos and El Nino (GCSE resource): https://www.rgs.org/schools/teaching-resources/galapagos-(activities-for-gcse)/ **S**

Engineering our climate: https://www.rgs.org/schools/teaching-resources/engineering-our-climate/  **P**

Tempest resource extreme weather (Primary) **P**
<https://www.rgs.org/schools/teaching-resources/extreme-weather/>

60 second guide to climate action: https://www.rgs.org/schools/teaching-resources/60-second-guide-to-sustainable-development-goa-(4)/

Solutions for the planet: https://solutionsfortheplanet.co.uk **S**

The Protest - David Malvina. E-book novel about youth climate protests. **S**

 https://www.amazon.co.uk/dp/B07TLLP74R/ref=cm\_sw\_em\_r\_mt\_dp\_U\_UCiHDbMXHGAKF

Thinking through climate change: http://www.wmnet.org.uk/files/ttcc **P/S**

Time for Geography: Evidence of climate change (videos).  **S** <https://timeforgeography.co.uk/videos_list/climate-change/evidence-climate-change/>

Transform Our World: <https://www.transform-our-world.org/top-resources> **P/S**

UN climate change / offsetting quiz: <https://offset.climateneutralnow.org/climatequiz> **P/S**

**Policy and background**

The Big Issue: Putting climate change on the curriculum (Part of special edition, April 2019). https://www.bigissue.com/latest/put-climate-change-on-our-curriculum-the-outraged-teens-confronting-ofsted/

The climate curriculum petition: https://www.change.org/p/get-the-climate-crisis-on-the-national-curriculum/psf/promote\_or\_share?source\_location=petition\_show

Climate change solutions (mostly business and community, but run some events for young people): http://www.climate-change-solutions.co.uk

David Hicks. A climate change companion (Book). www.teaching4abetterworld.com

Guardian language guidelines on the climate emergency: <https://www.theguardian.com/environment/2019/may/17/why-the-guardian-is-changing-the-language-it-uses-about-the-environment>

Jo McAndrews. Neurobiological analysis of responses to Climate Change and how to talk to children about climate change / involving children in activism: <https://www.youtube.com/watch?v=2bm18_G4n2Y&t=100s>

NAEE blogs:

http://naee.org.uk/from-a-cumbrian-headteacher

<http://naee.org.uk/climate-change-still-challenge-english-schools>

<http://naee.org.uk/curriculum-serious-exploring-rapid-climate-change/>

**Networks, action and support**

Campaign Against Climate Change: <https://www.campaigncc.org/climate_youth_strikes>

Resource list - <https://www.campaigncc.org/schoolresources>

The Climate Coalition: https://www.theclimatecoalition.org/schools

Climate outreach: https://climateoutreach.org

[The Climate Reality Project Global Education Group](https://www.facebook.com/GlobalClimateEducation/) (Facebook):

https://www.facebook.com/GlobalClimateEducation

NAEE (Environmental Education): http://naee.org.uk

SEEd (Sustainability Education): https://se-ed.co.uk

Teachers for the future UK: https://www.facebook.com/groups/treatacrisislikeacrisis/

Teachers Against Climate Breakdown (online space for sharing teaching resources):<https://teachersagainstclimatebreakdown.wordpress.com/> **P/S**

Teach the Future: <https://www.teachthefuture.uk>

UK student climate network: <https://ukscn.org>

UKSCN teachers group: https://www.facebook.com/groups/457407491684650/

West Midlands Sustainable Schools Network (network of organisations and individuals providing support to schools): [https://westmidlandssustainableschoolsnetwork.com](https://westmidlandssustainableschoolsnetwork.com/)

WWF: <https://www.facebook.com/WWFUnitedKingdom> or https://www.wwf.org.uk

**Related issues**

British Council: **P/S**

Affordable, clean energy for all - https://www.britishcouncil.org/affordable-clean-energy-all

Renewable energy – how can we keep the lights on? https://www.britishcouncil.org/school-resources/find/classroom/renewable-energy

Hubbub: Plastic fishing: https://www.hubbub.org.uk/plastic-fishing **P**

Hydrogen Hub – GCSE Chemistry Fuel Cells resource: <https://www.tes.com/teaching-resource/fuel-cells-gcse-chemistry-new-spec-12069201> **S**

Move More, Eat Well: http://movemoreeatwell.com **P/S**

Plant for the planet: https://www.facebook.com/PlantForThePlanetDeutschland

<https://pftp2014-prod.plant-for-the-planet.org/en/join-in> **P/S**

Sussex Green Living: https://www.sussexgreenliving.co.uk/parents-zone/green-education **P/S**