

All of the resources and planning below has now been organised by subjects:

<u>English</u>	<u>Maths</u>	<u>Science</u>
<p>Reading - a wide selection of free e-books and e-comics to read https://worldslargestlesson.globalgoals.org/using-the-power-of-comics/</p> <p>Debates</p> <ul style="list-style-type: none"> - Environment https://noisyclassroom.com/topic/children-can-make-a-big-difference-to-the-environment/ - Protests https://www.plazoom.com/products/topical-tuesdays-from-the-week-junior-greta-thunberg-and-climate-action <p>Persuasive writing</p> <ul style="list-style-type: none"> - Plastic https://www.plazoom.com/products/topical-tuesdays-from-the-week-junior-animals-and-the-environment-science-resource - Renewable energy https://www.sustainablelearning.com/ <p>Poetry -selection of climate-related poems to inspire your pupils to write their own. https://poetrysociety.org.uk/education/cape-farewell/</p> <p>Information texts - create a non-chronological report using a variety of resources linked in this document.</p> <p>Reading comprehensions</p>	<p>365 penguins Maths storybook suitable for KS2 https://www.helseysprimarymaths.co.uk/365-penguins</p> <p>Statistics Investigate trends in temperature change https://www.stem.org.uk/rx357h</p> <p>Data observation -is climate change real? https://www.stem.org.uk/rxtny</p> <p>Observe the number of solar panels in the area and monitor how many there.</p> <p>Use school energy data to determine when are the peak hours of use - how could this change?</p>	<p>Life without electricity https://www.plazoom.com/products/topical-tuesdays-from-the-week-junior-life-without-electricity-science-resource</p> <p>Animal adaptation https://www.teachwire.net/teaching-resources/polar-bears-and-climate-change-resources-for-ks2-geography</p> <p>Pollinators https://www.bumblebeeconservation.org/learning-zone/curriculum-resources-for-schools/</p> <p>Renewable Energy https://www.sustainablelearning.com/</p> <p>Carbon sinks & sources https://www.keepsotlandbeautiful.org/sustainable-development-education/climate-change-education/climate-ready-classrooms/resources/</p> <p>Animals & Habitats https://ypte.org.uk/downloads/home-learning-packs-animals-and-habitats</p> <p>Coral Oceans https://encounteredu.com/teacher-resources/coral-oceans-science-7-11-lesson-1-coral-explorer</p> <p>Rising Sea Levels https://www.britishcouncil.org/</p>

<p>https://www.plazoom.com/products/greta-thunberg-and-climate-change-fact-sheet-and-worksheet-for-ks2</p>		<p>il.org/school-resources/find/classroom/rising-sea-levels</p>
<p><u>PSHE/</u> <u>What is</u> <u>climate</u> <u>change?</u></p>	<p><u>Computing</u></p>	<p><u>History</u></p>
<p>Climate literacy & pledges https://www.thoughtboxeducation.com/</p> <p>Oxfam Climate Change https://www.oxfam.org.uk/education/resources/climate-challenge-7-11</p> <p>Young People's Trust for the Environment https://ypte.org.uk/lesson-plans/climate-change</p> <p>World Wildlife Fund https://www.wwf.org.uk/get-involved/schools/resources/climate-change-resources</p> <p>Sustainable homes & communities https://seed.co.uk/edu/resources/resources-habitat-homes-communities/</p>	<p>Statistics - turn trends into graphs using Excel https://www.stem.org.uk/rx357h</p> <p>NASA - online activities https://climatekids.nasa.gov/</p> <p>Giki - track and monitor your carbon footprint & lifestyle changes https://gikibadges.com/virtual-lesson-plans-and-home-sessions/</p>	<p>Fairtrade https://www.teachwire.net/teaching-resources/fairtrade-fortnight-primary-secondary-school-packs-for-ks2-and-ks3</p>
<p><u>Assembly</u></p>	<p><u>Staff training/</u> <u>Inset</u></p>	<p><u>Geography</u></p>
<p>5 Simple Changes https://www.teachwire.net/teaching-resources/5-simple-ways-to-reduce-our-carbon-footprint-climate-change-</p>	<p>RISC Global teacher award training free training for teachers and staff teams funded by the british council connecting</p>	<p>There are plenty of resources for free here: https://www.geography.org.uk/teaching-resources</p>

<p>resource-for-ks2-geography</p> <p>What do carbon emissions look like? https://www.youtube.com/watch?v=DtqSlpLGXOA</p> <p>Greenpeace - speakers Offer free school visits for assemblies/class talk sessions. https://www.greenpeace.org.uk/volunteering/greenpeace-speakers/</p> <p>Response to strikes https://www.globalactionplan.org.uk/news/climate-chaos-response-toolkit-for-schools-is-launched</p>	<p>classrooms through the global learning programme https://www.risc.org.uk/education/training</p> <p>United Nations Climate Change E-Learning A wide variety of training courses available for free. Topics include: What is Climate Change, Impacts on Children, Cities & Health, Sustainable Diets and Climate Action. www.unccllearn.org</p>	<p>Compare climates in UK & Arctic https://www.teachwire.net/teaching-resources/the-uk-and-climate-change-ks2-geography-resource</p> <p>Measuring Micro Climates https://www.itl.org.uk/resources/measuring-microclimates/</p> <p>Changing climates https://www.teachwire.net/teaching-resources/climate-change-resources-for-ks2-geography</p> <p>Amazon Fires https://www.plazoom.com/products/topical-tuesdays-from-the-week-junior-amazon-fires</p> <p>Future Climates tps://learning-resources.sciencemuseum.org.uk/resources/climate-report/</p> <p>Global Climates https://www.teachwire.net/teaching-resources/climate-change-scheme-of-work-for-ks2</p> <p>Secondary Geography https://www.geographypaul.com/teachers-against-climate-breakdown</p> <p>Rainforests https://ypte.org.uk/downloads/home-learning-pack-rainforests</p> <p>Water (cycles, shortages, everything!)</p>
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		https://se-ed.co.uk/edu/resources/resources-water/
Design Technology/STEM	Art	Whole school approach
<p>Practical action Free STEM, science, design and technology resources focus on global issues including climate change, energy, food security and the Sustainable Development Goals. https://practicalaction.org/schools/</p> <p>Palm Oil https://www.transform-our-world.org/giki-palm-oil</p>	<p>The Big Draw is an Art festival that takes place every year. https://thebigdraw.org/the-big-green-draw-a-climate-of-change-2020</p> <p>Protest Art https://www.teachwire.net/teaching-resources/ks2-art-pshe-lesson-plan-create-protest-art-in-the-style-of-a-bob-and-roberta-smith-poster</p>	<p>Gardening Resources http://pollination.co.uk/activity/ https://innocentbiggrow.com/</p> <p>Whole curriculum change: https://www.campaigncc.org/sites/data/files/sites/data/files/Docs/climate_curriculum_learning_outcomes.pdf</p> <p>Plastic Free Schools - free clean up pack https://www.sas.org.uk/plastic-free-schools/</p> <p>Terracycle - collect recyclable items and receive money in return! https://www.terracycle.com/en-GB/</p> <p>Ecosia - change your internet browser to Ecosia and plant trees when you search! https://www.ecosia.org/</p> <p>Whole school Ethos:</p> <ul style="list-style-type: none"> - Green Schools Project: https://www.greenschoolsproject.org.uk/transform-our-world/

		- Eco Schools: https://www.eco-schools.org.uk/
<p>Forest School/Gardeni ng & Eco-Clubs</p> <p>A wide selection of activities, from bug hotels, plastic elephants, bioplastic and plants:</p> <ul style="list-style-type: none"> - Young People’s Trust for the Environment https://ypte.org.uk/to pics/home-learning-packs - Wildlife trusts https://www.wildlifetrusts.org/kids-and-families - RSPB https://www.rspb.org.uk/for-n-and-learning/for-families/family-wild-challenge/activities/ - Learning Through Landscapes https://www.ltl.org.uk/free-resources/ 	<p>Music</p> <p>Meadowsong links gardening and music. It is currently offering free training on its website to Year 3 teachers https://meadowsong.co.uk/raining/</p>	<p>PE</p> <p>Climate Change Dodge Ball https://www.ltl.org.uk/resources/climate_change_dodgeball/</p>

Contacts, school visits/trips and workshops

Name	Information	Contact
United Nations Climate Change E:Learning	Training course on Climate Change. Brighter Futures For Children encourages every Reading school to have	Harriet.neville@brighterfuturesforchildren.org www.uncclearn.org



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	participated in some of the free online courses.	
Greenpeace	Offer free school visits for assemblies/class talk sessions.	https://www.greenpeace.org.uk/volunteering/greenpeace-speakers/
Reading Climate Change Partnership	Available to discuss Reading's Climate Change Strategy.	Katie Brett info@readingcan.org.uk katie.brett@reading.gov.uk
Green Park Wind Turbine	Can offer trips/school visits to discuss wind power in Reading.	Ian Gough greeneducation@hotmail.co.uk
Reading Climate Change Summit	Reading Secondary Schools take part in this every year. Some Secondary pupils might be interested in visiting to tell your children about it.	Kendrick participated in this last year and students may be interested in visiting to share their experience.
SATRO	STEM workshop on renewable energy.	contactus@satro.org.uk
Reading Recycling Centre	The re3 recycling centres at Smallmead in Reading and Longshot Lane in Bracknell are available for all residents to take items to be recycled, from batteries to bicycles, and mattresses to microwaves.	The website has lots of information about changes in 2020. What do the children think is positive change? What would they suggest or what could they take to the recycling centre rather than put in the bin?
Interclimate Network	Best suited to Secondary Schools but great information by industry based professionals.	michila.critchley@interclimate.org A wide selection of resources are available here: https://interclimate.org/resources/
Tolhurst Organic	Tolhurst Organic is a Community Interest company that grows organic fruit and vegetables. They offer school visits.	http://www.tolhurstorganic.co.uk/on-farmopportunities/school-visits/
Reading buses	Bio-fuel run buses! Lots of information on their webpage: https://www.reading-buses.co.uk/environment	This is something we are looking into for trips and information.
Solar panels	Dan Fernbank, Director of Reading Community Energy Society can help your school add more solar panels using a grant.	https://readingenergy.coop/
Thames Water	Community speakers are available to come in and run activities/talks.	https://corporate.thameswater.co.uk/About-us/Community/Working-in-our-communities/Community-speaker-programme

Free resources/experiences

Name	Information	Source
Model Environmental policy	Probably the most detailed and comprehensive environmental policy we have found so far.	Sign up for 1 month's free subscription to download for free: (most headteachers and schools have a subscription anyway!) https://www.theschoolbus.net/article/environmental-policy/5540
Ecosia	Internet search engine that donates 80% or more of its profits to planting trees. Have your school add it as a google chrome extension to start planting trees today!	Please find attached a crib sheet on how to add Ecosia to all of the digital devices in your school. https://www.ecosia.org/
Terracycle	Recycles difficult to recycle waste. Weight of objects you collect becomes Terracycle points. 1 point = 1p towards your school! Loads of information and resources on the website too.	https://www.terracycle.com/en-GB/ Link up with local schools and share what you collect. The map is here: https://www.terracycle.com/en-GB/brigades/
Solar panel audit	Walk around your local area. How many solar panels can you see? Produce results in a bar chart to compare to another local area.	Local visit in your area.
Flood zones	Visit the river and observe the impact of flooding and the measures in place.	Local Interestingly, Caversham hydro-electric weir is in process: https://hydro.readinguk.org/about/
School audit/Eco Schools	Eco-Schools offers a great resources pack to audit the plug sockets and lightbulbs etc in School.	You will need to register for Eco Schools: https://www.eco-schools.org.uk/
School travel audit	How do you travel to school? Complete the survey and share your results. What could you pledge to change or improve?	http://schooltravelplanning.com/schools/develop-yours/surveys-and-analysis/ has lots of links and resources to complete a survey.
WWF Climate Change lesson pack	Information resource pack on climate change.	https://www.wwf.org.uk/get-involved/schools/resources/climate-change-resources
Transform Our World	Huge selection of well-organised Climate Change resources and lesson plans	https://www.transform-our-world.org/climate
Thoughtbox	Wide range of lessons on climate change, human change and emotional literacy.	https://www.thoughtboxeducation.com/
Science museum Climate Change lesson pack	Compare and contrast the reality of climate change from now to 2050.	https://learning-resources.sciencemuseum.org.uk/resources/climate-report/
Bumblebee Conservation Trust resource pack	How can you help pollinators? Why are they important?	https://www.bumblebeeconservation.org/learning-zone/curriculum-resources-for-schools/

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Carbon Emissions video for “Close the Door” policy.	Very visually effective to show carbon emissions from buildings in New York.	https://www.youtube.com/watch?v=DtqSiplGXOA
UN Climate action video	Selection of videos show how people are adapting around the world for climate change.	https://www.youtube.com/watch?time_continue=60&v=L-gecspMrGQ&feature=emb_title There is more on their channel: https://www.youtube.com/channel/UCNhN8uvdNTY9O8liLP-94mg
Sustainable Learning	Wide range of plans and resources on sustainability, including wind turbines.	https://www.sustainablelearning.com/
Surfers Against Sewage	Send you a free litter picking pack to become a single-use plastic free school.	https://www.sas.org.uk/plastic-free-schools/
Kew Gardens	Keep an eye on the website as they sometimes offer free seed packs!	https://www.growwilduk.com/
Innocent Smoothies: The Big Grow	Every year offers free seed packs to schools (this year’s has just closed). Website has free plans and resources for gardening lessons.	https://innocentbiggrow.com/
Climate Curriculum	Leeds DEC has developed objectives for a climate curriculum.	https://www.campaigncc.org/sites/data/files/sites/data/files/Docs/climate_curriculum_learning_outcomes.pdf
Geography	Paul Turner is a Geography Teacher in Hampshire who regularly shares his planning and resources on google drive.	https://www.geographypaul.com/teachers-against-climate-breakdown
NASA	Resources available include videos, games, projects and articles	https://climatekids.nasa.gov/
The Big Draw 2020	An nationwide celebration of Art. This year’s theme is The Climate of Change.	https://thebigdraw.org/
NEED MORE??	Campaign Climate Change has a wide variety of links to plans and resources. This guide has been translated from Finnish, but has a wide selection of subject-organised topics to relate to climate change.	https://www.campaigncc.org/schoolresources https://teachers-climate-guide.fi/

Health Warning!

Some companies, which support the use of gas, coal, etc., run educational events and produce resources for schools. We recommend that you consider the validity of the resources produced by these companies if you wish to use them in your classroom.

Recommended Reading books for Primary Schools

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Click Clack Moo: Cows That Type – Doreen Cronin and Betsy Lewin;</p> <p>The Last Dance – Sally Morgan;</p> <p>Seagull – Danny Snell;</p> <p>Where’s the elephant? - Barroux;</p> <p>In the Forest - Anouck Boisrobert, Louis Rigaud and Sophie Strady;</p> <p>Under the Ocean - <i>ibid.</i></p>	<p>The Rhythm of the Rain – Grahame Baker-Smith;</p> <p>Somebody Swallowed Stanley – Sarah Roberts and Hannah Peck;</p> <p>Dinosaurs and All that Rubbish - Michael Foreman;</p> <p>The Trouble with Dragons - Debi Gliori;</p> <p>Winston of Churchill: One Bear’s Battle Against Global Warming - Jean Davies Okimoto;</p> <p>The Tantrum that Saved the World - Megan Herbert and Michael E. Mann</p>	<p>Our Little Inventor – Sher Rill Ng;</p> <p>Mallee Sky – Jodi Toering and Tannya Harricks;</p> <p>A Planet Full of Plastic – Neal Layton;</p> <p>Welcome to Country – Aunty Joy Murphy and Lisa Kennedy;</p> <p>The Great Kapok Tree: A Tale of the Amazon Rain Forest - Lynne Cherry</p> <p>Greta and the Giants, Zoe Tucker</p>	<p>How to Save the Whole Stinkin’ Planet – Lee Constable and James Hart;</p> <p>It's Getting Hot in Here: The Past, Present, and Future of Climate Change - Bridget Heos</p> <p>There’s a Ran Tan in my Bedroom, James Sellick</p>	<p>Stories for a Fragile Planet - Kenneth Steven</p> <p>Heroes of the wild (series) - Nicola Davies;</p> <p>What Is Climate Change? - Gail Herman</p>	<p>365 Penguins - Jean-Luc Fromental;</p> <p>It’s Your World: Get Informed, Get Inspired, & Get Going, - Chelsea Clinton</p> <p>The Last Wild (Trilogy) – Piers Torday</p>	<p>Gaia Warriors - James Lovelock and Nicola Davies;</p> <p>Analyzing Climate Change: Asking Questions, Evaluating Evidence, and Designing Solutions - Philip Steele;</p> <p>How We Know What We Know About Our Changing Climate: Scientists and Kids Explore Global Warming - Lyne Cherry</p>