100 Eco-Education Ideas

	Biodiversity	Energy	Global Citizenship	Healthy Living	Litter	Marine	School Grounds	Transport	Waste	Water
English	Write a newspaper report about an endangered animal.	Write instructions for saving energy in school and/or at home.	Write an informational text about a country impacted by climate change.	Create an advertisement for a healthy snack or drink.	Write a balanced argument: should companies or individuals be fined for littering?	Write a non-chronological report about plastic pollution in oceans.	Write a poem about an animal or insect living within your school grounds.	Write a recount about a sustainable journey to school.	Research and create instructions for how to recycle in your local area.	Write a persuasive letter to your headteacher about investing in water-saving devices.
Maths	Create a graph/chart to show the favourite animals of children in class.	Create and display a graph that shows your school's energy use, update it regularly.	Organise a charity fundraising event such as a bake sale, to practice adding and subtracting money.	Recall multiplication timetables during daily exercises.	Gather data whilst completing a litter pick then create graphs or charts to share this information.	Create a pie chart to show a class's favourite marine animal.	Calculate the perimeter and area of rewilding or planting areas within school grounds.	Compare times taken to drive, walk, cycle, or scoot to school.	Weigh and keep a record of waste recycled/sent to landfill from your school.	Calculate potential water-savings that could be made through installing devices like push taps.
Science	Use classification keys to help group, identify and name a variety of living things.	Investigate the different appliances we use every day that rely on energy.	Look at how climate change is impacting animals locally, globally, and nationally.	Learn about balanced diets, and the benefits of plant-based choices.	Research how long different types of litter take to decompose.	Identify, name, and record the evolutionary features of a variety of marine animals.	Identify the plants, animals, and insects found in your school grounds.	Look at the health benefits of cycling, scooting, and walking to school, as opposed to driving.	Compare and group everyday objects we use based on their physical properties.	Investigate how different plants rely on, gather, and store water to survive.
Art	Use recycled materials to create a mural or sculpture of an animal that is endangered.	Design energy saving posters to display throughout the school.	Create artworks influenced by different cultures.	Practice mindful drawing to help you feel relaxed.	Use litter, from a litter-pick, to create an outdoor artwork with a powerful message (photo then bin litter).	Paint an underwater scene, add images of single-use plastics to raise awareness of their negative impact.	Use natural items to create artworks in the style of Andy Goldsworthy.	Research vintage public transport posters and redesign them with a modern, eco-message.	Use recycled materials to create pieces of artivism.	Study how water has inspired famous artists from Claude Monet to David Hockney.
Computing	Use green screen technology to create a video about animal conservation.	Prepare an energy saving PowerPoint presentation for your school community.	Switch your school computers to an ethical search engine.	Create a digital survey to find your school's favourite sport.	Design and programme a simple litter-picking game.	Design leaflets showing the effects of plastic pollution on marine life.	Use Google Maps to view your School Grounds from above – can any improvements be made?	Use Excel to present data on how students have travelled to school.	Design inspirational poster to print and display demonstrating the correct recycling bins to use.	Write step-by-step instructions for handwashing in a programming style. Ask a partner to test their accuracy.
Design	Design and make bird feeders, bat boxes, hedgehog homes, or bug hotels.	Design and create mini wind turbines or other renewable energy sources.	Design and create eco-products – sell these to your school community to raise funds for charity.	Learn how to cook a variety of plant-based meals.	Design, create, and test litter picking equipment using pulleys and levers.	Design a machine to clean up ocean plastics.	Design an irrigation system that uses greywater to water plants.	Design a new and improved transport system for your local area.	Upcycle waste materials to create new products.	Use a variety of everyday materials to create a water filtration kit then test it.
Languages	Learn the names of animals in different languages.	Create 'Switch Off' stickers in different languages and display near light switches.	Check out different Eco-Schools resources from different Eco-Schools countries.	Research school meals in different countries – do they eat more, or less, meat?	Create anti-litter posters using languages spoken in your school's local community.	Learn the names of marine animals in different languages.	Name common school items in different languages (e.g., poubelle de recyclage).	Research the most common methods of travelling to school in different countries.	Design informational posters for recycling bins with recyclable items written in different languages.	Write reminder signs to not waste water in different languages spoken in a school community.
Geography	Compare and contrast where we live to an area impacted by climate change.	Create a map of the school including electronic devices that should be switched off when not in use.	Research how our use of natural resources is impacting the planet.	Map key features of your community, do they have a positive or negative impact on health?	Create a map of school and plot the bins - are they positioned correctly to avoid littering?	Map a local river - where might it pick up pollution on its way to the coast?	Create a map of School Grounds, using symbols to highlight your Eco-Schools work e.g., planters.	Research how technological advances in transport changed the way the world trades.	Focus on e-waste and recycling, what issues does our e-waste cause in other countries?	Learn about the water cycle and the idea of water as a finite resource.
History	Learn about the life of an important conservationist like Charles Darwin or Dr Jane Goodall.	Learn about the industrial revolution and how it contributed to the climate crisis.	Research how prominent civil rights leaders like Rosa Parks created change.	Learn about diets from hunter gatherers to modern times - which are best suited to us and the planet?	Learn how archaeologists use discarded litter to understand life in the past.	Look at how humanity has interacted with oceans throughout history from fishing to invasion.	Study a significant site, event, or individual from nearby.	Learn how the introduction of railways changed England and the world.	Learn how people throughout history discarded, or reused, waste, can we learn a lesson?	Study how the sewage system changed life in Britain and discuss whether it is still fit for purpose.
PE	Host an animal inspired yoga session.	Create a 'real life' energy circuit with children acting as the current.	Learn different sports from around the world e.g., Tai Chi.	Discuss athletes who have talked about mental health issues like Simone Biles or Naomi Osaka.	Go on a plog in your local community (a litter-pick combined with jog).	After a swimming session discuss what swimming through discarded plastic would feel like.	Create an exercise circuit on the school playground.	Learn how to safely use bicycles and scooters.	Create a junkyard gym using recycled materials (e.g., plastic bottles filled with sand make good weights).	Discuss the importance of water and how to stay hydrated during exercise.