

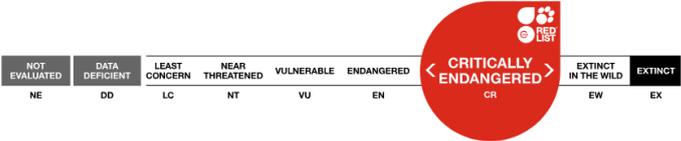
Environmental Science Summer task for prospective students

Are you interested in creating a more Environmentally sustainable world? Do you want to enter the energy sector, conservation, marine science, natural science and many more fields of work? You can enter these fields by studying Environmental Science. First you will need to understand the core vocabulary of the subject so that you can get a good start when the year begins. Define the terms below so that you can understand the theory of the first topics.

Flagship Species	Endemic	Emigration	Ecosystem
E.D.G.E. Species	Taxa	Deciduous Forest	Biome
Keystone Species	Latitude	Taiga Forest	Agriculture
Pioneer Species	Longitude	Urban Sprawl	Endangered
Habitat	Immigration	Permafrost	Plagioclimax

The next task is an easier one. Watch the series “Seven Worlds, One Planet” on BBC iPlayer to give you some background to the different habitats around the world, species that live in them and our impact on them.

One large part of the first year is understanding the reason, methods and success/failure of conservation around the world. You will need to know specific examples of how humans benefit from wildlife, affect them and methods of how we conserve them. You should go to the following link <https://www.iucnredlist.org/> and pick your favourite endangered species (plant or animal) and research the following aspects using this website and more of your own choice. This should be no more than 500 words.

Name of species	If you can give both the common and Latin names, this will help in the future.
Habitat the species is found in	Is it found in the desert, rainforest, shallow sea, open ocean, there are many different habitats found around the world and each species has a role to play in each one.
Relationships it has with other species	This can be both beneficial and harmful. Beneficial may be one animal cleaning another. Harmful could be a predator and its prey.
Category the IUCN has put the species in	 <p>The IUCN Red List categories are: NOT EVALUATED (NE), DATA DEFICIENT (DD), LEAST CONCERN (LC), NEAR THREATENED (NT), VULNERABLE (VU), ENDANGERED (EN), CRITICALLY ENDANGERED (CR), EXTINCT IN THE WILD (EW), and EXTINCT (EX). The CRITICALLY ENDANGERED (CR) category is highlighted in red.</p>
Benefits this species has for humans	We get things like medicine, materials and engineering solutions from nature. Does your species do this for us?
Threats to this species	This can be us destroying their habitat, climate change, poaching and many more.
List of resources where you found this information	You will need to be able to revisit the websites and books you get your information from later in the year, so make a list of where you get your information from. If it is a website, make a copy of the URL.