

Eco Topic - Biodiversity

Progression in Biodiversity from Nursery to Year 6

<u>Nursery & Reception</u>	We grow grass seeds/beans/ sunflowers (2 year cycle) and keep a simple diary where the children draw the progress and write an observation. We have seasonal walks / time to explore in Autumn, Spring and Summer- recorded with photographs. We read seasonal stories such as – Conkers Conkers obly onkers. We have an outdoor area which includes a fire pit area, bug hotel, hills and a wild area. We have made bird feeders to attract and count birds in our outdoor area.
<u>Year 1</u>	We complete Seasonal walks – splendid skies topic, pets are brought in for Paws, Claws and whiskers. We learn about different kinds of trees and flowers through our ‘enchanted woodland’ topic. We make weather charts and record the weather. We do climates and habitats through geography- looking at hot and cold climates and the animals that live their – adaption. We make map/Ariel view of our local school/environment.
<u>Year 2</u>	Go into the local environment and school to look for mini beasts- look at habitats- why they live there. Complete diagrams and life cycles of a bee and mini beasts. Study beach habitat – what lives there and why. Literacy – leaflet – nature walk around school. Create maps of school playground for pirates topic.
<u>Year 3</u> <u>Two year cycle with year 4</u>	Recycling – writing, powerpoints, presenting in assembly. Rivers- features, life, pollutants, writing, Art, poems, Geography fieldwork (stages, size, impact of humans). Plants – cycle, stages, ICT simulations, Art/DT, fair trade, map reading, reading NF text.
<u>Year 4</u> <u>Two year cycle with year 3</u>	Mountain habitats, vegetation zones and adaptation, food chains./webs, pollution, Environment issues – plastic in the ocean, palm oil – writing and discussion. Poems on the Great Barrier Reef. Recycled Art with plastic rubbish. Weather recordings, water cycle, water cycle rap in music, map reading, field work- how the land is used and the human impact. Reading NF text.
<u>Year 5</u>	Recycling workshop through Rochdale Council. Map reading. Effective use of land both locally and in Egypt along the Rive Nile. Allotment topic- growing and planting – sustainability.
<u>Year 6</u>	Investigating icebergs/melting- global warming- science experiment. Adaptation in animals to suit the environment – evolution (Darwins theory). Palm oil/ Amazon deforestation impact on the environment and animal species – balanced arguments on Eco travel. Non-chronological reports on icebergs. Human/ physical features comparing Arctic and Antarctic.