

Sir John Offley CE VC Primary School
'With God all things are possible'

KS2 Year 4 Living things and their habitats

Question	Answer
What is classification?	A way of grouping living things according to their physical features and/or behaviour
Name the 5 kingdoms of the living world.	animal, plant, fungi, bacteria, single-celled organisms
What is a species?	A group of living things with many similarities that can reproduce together to produce offspring
How does a classification key work?	Uses questions to sort and identify different living things
How might a habitat change?	Naturally - flooding, fire, earthquakes or human impact - nature reserves, littering
How does the season affect a habitat?	Habitats will change with the seasons - different things can be found in a habitat at different times of year
Name a human activity that is causing a negative impact on habitats.	Pollution, this is causing climate change; Deforestation (cutting down trees); Urbanisation (more people living in an area, building houses and roads); Intensive farming (using lots of land and farming constantly)
Name a human activity that is having a positive impact on habitats.	Nature reserves (land that is used to preserve and protect plants and animals)
What is climate change?	The change in long-term weather patterns caused by man-made production of carbon dioxide (CO ₂)
What causes climate change?	Burning fossil fuels, farming, deforestation
How will a warmer climate affect our planet?	More rainfall, changing seasons, shrinking ice sea, rising sea levels
What is a negative impact of climate change to species	Species are becoming endangered
What does 'endangered' mean?	A species is at risk of becoming extinct
What is extinction?	When a species has completely died out (there are none left on Earth)
Give an example of a species that is becoming endangered	Polar bear, orangutan, sea turtles
Why is the polar bear becoming an endangered species?	Sea ice melting which reduces the polar bears habitat making it harder for them to survive and reproduce

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Why is the orangutan becoming an endangered species?	Live in the rainforest, habitat is being cut down and there are more droughts causing more bush fires
Why is the sea turtle becoming an endangered species?	Lay eggs on beaches which are being lost due to rising sea levels; temperature of the nests determines whether eggs are male or female. Rising temperature means more females are born than males