8Da - Dead as a dodo/Death of the dinosaurs/Prehistoric plants

Word	Pronunciation	Meaning
acid rain		Rain that is more acidic than usual because of chemicals dissolved in it.
adapted		When the features of an organism help it to survive in a habitat, it is adapted to that habitat.
amphibian	am -fib -ee-an	Vertebrate with moist skin, e.g. frog.
animal kingdom		The group of organisms that contains all vertebrates and invertebrates.
bird		Vertebrate with feathers, e.g. eagle.
classification	clas-if-ik- ay -shun	Sorting things into groups.
cone		Something used to carry the seeds of conifers.
conifer		Plant with needle-shaped leaves. Reproduces using seeds found in cones.
cuticle	kew -tick-ull	Layer of cells on leaves that is waterproof.
echinoderm	ek -eye -no-derm	Invertebrate that has a body in five parts, e.g. starfish.
environment		The conditions around an organism caused by physical environmental factors.
environmental factors		Things in an environment that can change something about an organism.
extinct		No longer in existence.
fern		Plant that has many small waterproof leaves. Reproduces using spores.
fish		Vertebrate with slimy scales and gills, e.g. salmon.
flowering plant		Plant with large, flat leaves. Reproduces using seeds found in fruits. Fruits and seeds form inside flowers.
fossil		Remains or signs of an organisms that have been turned into rock.
fruit		Something used to carry the seeds of flowering plants. Can be fleshy or dry.
global warming		The theory that certain gases in the atmosphere are causing it to get hotter.
habitat		The place an organism lives in, e.g. woodland.
invertebrate	in- vert -eb-rate	Animal without a backbone.
mammal		Vertebrate that produces milk and has hair, e.g. human.
moss		Plant with many thin leaves but without roots and xylem. Reproduces using spores.
photosynthesis	foto- sinth -e-sis	Process that plants use to make their own food. It needs light to work. Carbon dioxide and water are the reactants. Food (a sugar called glucose) and oxygen are the products.
physical		The non-living conditions in the environment of an organism, e.g. temperature, light.
plant kingdom		Group of organisms that are able to produce their own food.
reptile		Vertebrate with dry scales, e.g. snake.
root		Plant organ used to take water out of the soil.

8Da – Dead as a dodo/Death of the dinosaurs/Prehistoric plants (continued)

Word	Pronunciation	Meaning
seed		Small part of a plant that can grow into a new plant. Made by conifers and flowering plants.
spore		Very small part of a plant that can grow into a new plant. Made by mosses and ferns.
vein	vane	Blood vessel that carries blood to the heart
vertebrate	vert-eb-rate	Animal with a backbone.
xylem vessel		Part of a plant that transports water through the plant.

8Db - Detective work

Word	Pronunciation	Meaning
community	com- mew -nit-ee	All the plants and animals that live in a habitat.
distribution	diss-trib- you -shun	The places where an organism can be found in a habitat.
ecologist		A person who studies the environment.
estimate		Provide a rough idea about the numbers of something or the size of something.
pitfall trap		Sampling method used to collect small animals that live on the ground.
pond dipping		Sampling method used to collect organisms from ponds.
population		Total number of individuals of the same species in a habitat.
quadrat		A square frame, thrown randomly on the ground, which is used to sample the plants in an area.
sample		A small part of something. If you sample something you take a small part of it. You use your results from the small part to suggest what the rest of it is like.
sweepnet		Sampling method used to collect small animals from long grass.
tree beating		Sampling method used to collect animals from trees and bushes.
uneven distribution		When a plant or animal is not found all over a habitat, only in certain places where conditions are suitable.

8Dc - Physical environmental factors/Focus on: Computer modelling

Word	Pronunciation	Meaning
anemometer		Device used to measure windspeed.
computer modelling		Using computers to estimate how things have changed in the past and predict how they will continue to change.

8Dd – Living factors

Word	Pronunciation	Meaning
competition	comp-pet- tish -un	Some organisms need the same resources as each other. We say that they compete for those resources.
consumer	con- s'you -mer	An organism that has to eat other organisms to stay alive. Animals are consumers.
feeding relationship		A description of how an organism feeds on others.
food web		Many food chains linked together.
innate		Behaviour that happens automatically and does not need to be learned.
learned behaviour		Behaviour (what an organism does) that is learned and not automatic.
living factor		An organism in a habitat that affects other organisms in the habitat.
migration		When animals move out of an area (usually when resources become scarce).
predator		An animal that catches and eats other animals.
prey	pray	An animal that is caught and eaten by another animal.
producer		An organism that is able to make its own food. Plants are producers.
resources		Things that an organism needs in order to survive in a habitat (e.g. a source of food).
stimulus		An event that causes something to happen.
top predator		An animal that is not prey of other animals.

8De – Pyramids and poisons/The end of the road?

Word	Pronunciation	Meaning
chemical energy		The kind of energy stored in chemicals. Food, fuels and electrical cells all contain chemical energy.
endangered		An organism is endangered if it is in danger of dying out altogether.
insecticide		Poison used to kill insects.
overfishing		When too many of a certain fish are caught so that its population decreases a great deal.
pest		An organism that ruins crops.
pesticide		Poison used to kill pests.
primary consumer		The first animal in a food chain.
pyramid of numbers		Way of showing the numbers of different organisms in a food chain.
secondary consumer		The second animal in a food chain.
sustainable		Aloowing something to continue into the future