



Why is classification critical and how can we help our world?

National Curriculum link: Living things and their habitats

Year 4, HT1



Prior knowledge (retrieval practice)

Key Vocabulary (substantive knowledge)

1	deciduous	A tree that sheds its leaves yearly.
2	predator	An animal that eats other animals.
3	prey	An animal that is hunted and killed by other animals for food.
4	classify	Putting (a group of people or things) in classes or categories according to shared characteristics.
5	stalk	The main stem of a plant.
6	compound leaves	A leaf consisting of several or many distinct parts joined to a single stem.
7	blossom	A flower or a large amount of flowers, usually on a tree or bush.
8	vertebrate	An animal that has a backbone.

9	amphibian	A cold-blooded vertebrate animal e.g. frogs, toads, newts, salamanders.
10	fish	A limbless cold-blooded vertebrate animal with gills and fins living in water.
11	reptile	A vertebrate animal includes snakes, lizards, crocodiles, turtles, and tortoises. They are distinguished by having a dry scaly skin and typically laying soft-shelled eggs on land.
12	bird	A warm-blooded egg-laying vertebrate animal that has feathers, wings, a beak, and typically by being able to fly.
13	mammal	A warm-blooded vertebrate animal that has hair or fur.
14	ecosystem	An ecosystem consists of all the organisms and the physical environment with which they interact.



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Key Concepts (substantive knowledge)

Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment

Recognise that living things can be grouped in a variety of ways

Recognise that environments can change and that these changes can sometimes pose dangers to living things

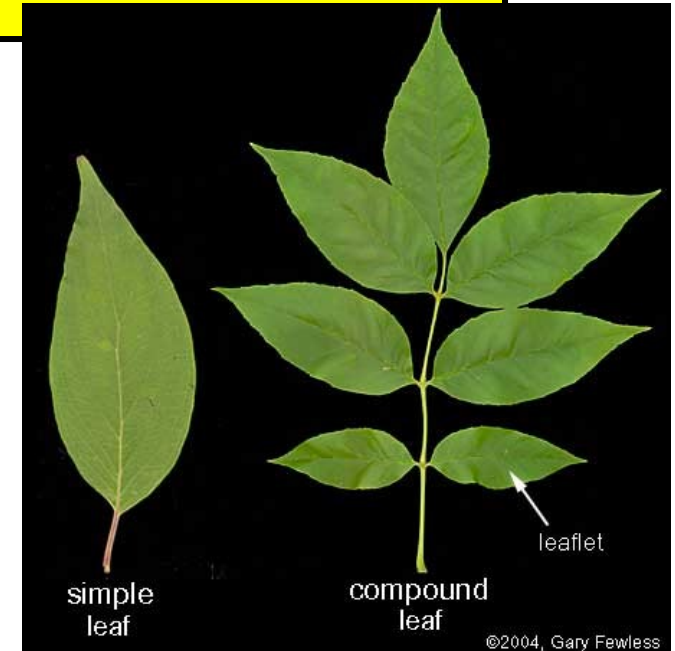


Working scientifically (disciplinary knowledge)

Grouping and classifying things

Finding things out using secondary sources of information

Looking for patterns



TYPES OF TREES

DECIDUOUS TREES



OAK



MAPLE



BIRCH



WILLOW

CONIFEROUS TREES



CYPRESS



PINE



CEDAR



JUNIPER