LKS2 Science Knowledge Organiser

Topic: Living Things and their Habitats

Key questions:
• I can recognise that living things can be grouped in a variety of ways.
• I can explore and use classification keys to help group, identify and name a variety of living things in my local and wider environment.

Key Information	
What is MRS GREN?	There are 7 characteristics of living things: **m**ovement, **r**eproduction, **s**ensitivity, **g**rowth, **r**espiration, **e**xcretion and **n**utrition. These can be remembered using the name **MRS GREN.**
Movement	All living things move - to find food, escape predators or find better growing conditions, even plants.
Reproduction	All living things make more living things of the same type - making new generations of a species.
Sensitivity	All living things can detect changes in the surroundings such as changes in light.
Growth	All living things grow.
Respiration	All living things get energy from food. Many use oxygen to do this.
Excretion	All living things get rid of waste - including carbon dioxide from respiration.
Nutrition	All living things take in and using food as a supply of energy.
Classification key, branching database and dichotomous key	A classification key, branching database or dichotomous key is a way to identify items in the natural world, such as trees, wildflowers, mammals, reptiles, rocks, and fish. This is an example of one:

Did you know…?	
	Levon Biss is an award-winning British photographer. His work has been exhibited in numerous galleries and museums over the world. He has created an exhibition called Microsculpture, which is a series of insect portraits, each created from approximately 8,000 individual photographs. The photographs capture in breath-taking detail the beauty of the insect world in mind-blowing magnification and celebrate the wonders of nature and science.

• movement	• excretion	• generation
• reproduction	• nutrition	• species
• sensitivity	• branching database	• oxygen
• growth	• dichotomous key	• carbon dioxide
• respiration	• characteristics	• energy