

## Holy Family Catholic Primary School Cronton



Year 6: Science Spring Term 2 Unit: 1 The Nature Library		Theme: Living Themes and Their habitats	
What I should already know:	What I will know by the end of the unit:	Vocabulary	
<ul> <li>Animals can be grouped into vertebrates then further into fish, reptiles, amphil birds and mammals) and</li> </ul>		Amphibians	Cold-blooded vertebrate animals (e.g. frogs and toads) that have gills and live in water as young but breathe air as adults
<ul> <li>invertebrates .</li> <li>Some examples of life cycles (including the of plants and humans).</li> </ul>	* Recognise that living things can be grouped in a variety	Bird	Warm-blooded, egg-laying animals that have vertebrae, or a backbone. They are different from mammals because they lay hard -shelled eggs and have feathers. A bird has four limbs—two that are wings—along with a beak and no teeth
<ul> <li>The processes of dispersal, fertilisation ar germination.</li> </ul>	*Explore and use classification keys to help group,	Classification	A way of grouping things based on similar characteristics.
<ul> <li>Reproduction is one of theseven life processes.</li> <li>Parts of a plant, their features and what their functions are.</li> </ul>	identify and name a variety of living things in their local and wider environment;	Fish	An animal that lives in water and has fins for swimming and gills for breathing. Fish are cold-blooded animals with skeletons inside their bodies. Most fish have scales on their skin.
Fact File	Key Scientist Carl Linnaeus (1707-1778) was a	Invertebrate	Living things without a backbone eg. Fly, spider, jellyfish.
* Classification systems vary depending on purpose and can be changed when new evid	heir botanist, zoologist and physician. He's	Non-living	Not alive now and never was alive. Does not possess all of the 7 MRS GREN characteristics e.g. fire.
comes to light. *The main system for classifying living things originally developed by Carl Linnaeus in the	millions of species on Earth	Living	Alive now or once was alive. Has all of the 7 characteristics from MRS GREN.
Century and, although it has been modified, it i used today.	still	Mammals	A n animal that breathes air, has a backbone, and grows hair at some point during its life. In addition, all female mammals have glands that can produce milk. Mammals
*Plants are classified into 5 main groups King Division,Order, Family, Genus, and Species.	om,		include a wide variety of animals, from cats to humans to whales
*Animals are classified into 2 main groups (vertebrates and invertebrates). The main levels	Kingdom         Animals         Plants         Fungi         Protista         Monera           Phylum         Vertebrates         Invertebrates         Ferrs         Conifers         Flowering plants         Algae         Moses and Invervorts         Bacteria	Reptiles	cold-blooded animal (as a snake, lizard, turtle, or alligator) that breathes air and usually has the skin covered with scales or bony plates
for animals are: Kingdom, Phylum, Class, Order, Family,	RES) Class mammals reptiles fish birds amphibians Flatworms Echinodermata Molluscs Anthropods Annelidia IISED)	Vertebrate	Living things with a back bone eg dogs, fish, humans.
Genus, and Species. FAMILY (FOR) GENUS (SRU) SPECIES (SCIE Here is an examp are classified 'y species is home a Eingdom, Animoli	ITSTS) of how humans will see that our ens.		
Kingdom, Annol Phylum, Chordat Class, Monnolo Order, Prindes Eamly, Homido <u>Genus</u> , Homo Species Homo so			

