**Our Living Planet**



We have been doing lots of work on long term memory. To assist your child with this, please use these Key Instant Recall Facts (KIRFs) to quiz each other (perfect for a ferry trip).

* Life cycle of a bird – egg – hatchling – nestling – fledging – adult
* Life cycle of amphibian (frog) - egg – tadpole – froglet – frog
* Life cycle of mammal – embryo – young – adult
* Life cycle of insect (complete metamorphosis e.g. butterfly) egg – larva – pupa – metamorphosis – adult
* Life cycle of insect (incomplete metamorphosis e.g. dragonfly egg – nymph – adult
* Metamorphosis – when something changes into something else (caterpillar to butterfly)
* Vertebrate – animals with backbones
* Invertebrate – animals with without backbones
* Mammals have fur or hair, skeletons, give birth to live young and mothers produce milk.
* Amphibian means 2 lives, which means they go through metamorphosis.
* Birds have feathers, wings, a beak and lightweight skeletons.
* Not all birds fly.
* Insects have 3 body parts and 6 legs. They have exoskeletons (which is a skeleton on the outside of their body).
* Climate change (or global warming) is the process of our planet heating up.
* The greenhouse effect is a process that occurs when the gases in Earth’s atmosphere trap the Sun’s heat.
* Causes of climate change – burning of fossil fuels, farming, deforestation.
* Effects of climate change – Extreme weathers, changing seasons, shrinking ice caps, rising sea levels, loss of animal habitats.
* Non-renewable energy – fossil fuels such as coal, gas and oil.
* Renewable energy – solar, hydro and wind power.