UKS2 Living things and their habitats (Year 5)

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| Prior Learning: An environment is a system which can be harmed |

P.O.S – Living things and their habitats

Concept – Biology- cell development

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| Facts | Vocabulary |
| 1. A life cycle is the different stages of life for a living thing 2. Metamorphosis - a process some animals go through to become adults. It is a series of physical changes | 1. Habitat - Latin habitare meaning "to live or dwell," which itself goes back to habere meaning "to have or own." | |
| 1. Stages of a Life cycle . Typically there are 4 stages: 2. birth , growth , reproduction, death | Image result for reproduction in plants | |
| 1. Life cycle of a mammal: 2. Live young born and get milk from mothers 3. Grow from babies to adults 4. Reproduce 5. Die |
| 1. Life cycle of an amphibian: 2. Egg in jelly laid in water 3. Develops tail and legs 4. Grows lungs to breathe and leaves water 5. Takes 2 years to grow to adult size |
| 1. 5. Life cycle of an insect: 2. Egg**s** laid by the female insect. 3. Larva – Eggs hatch and larva is born. It sometimes looks different to the adult self 4. Pupa – When the larva moults for the last time, a pupa is formed. It acts as a camouflaged, protective shell for the larva to transform 5. Adult – The adult breaks out of the pupa and matures.   Some insects only have a 3 stage: The insect is born as an egg, hatches as a nymph and changes into an adult. |
| 1. Life cycle of a bird: 2. Egg 3. Hatches and is fed by the parents 4. Juvenile– leaves the nest when flight feathers are grown 5. Adult attracts mate to reproduce |
| 7. Reproduction in plants:  a) the production of new offspring in plants  b) Sexual reproduction involves pollen from one flower fertilising the egg of another to produce a seed.  c) Only one parent is needed in asexual reproduction and the offspring are exact copies. |
| Websites:  Life cycles:  <https://www.youtube.com/watch?v=dyZjCw5Rl2Y>  <https://www.youtube.com/watch?v=AMs3waaW75g>  <https://www.youtube.com/watch?v=7AUeM8MbaIk>  Plants:  <https://www.youtube.com/watch?v=4zCAtCI-J8w>  <https://www.youtube.com/watch?v=2ycl2E9r-_o>  <https://www.bbc.com/bitesize/articles/zyv3jty> |