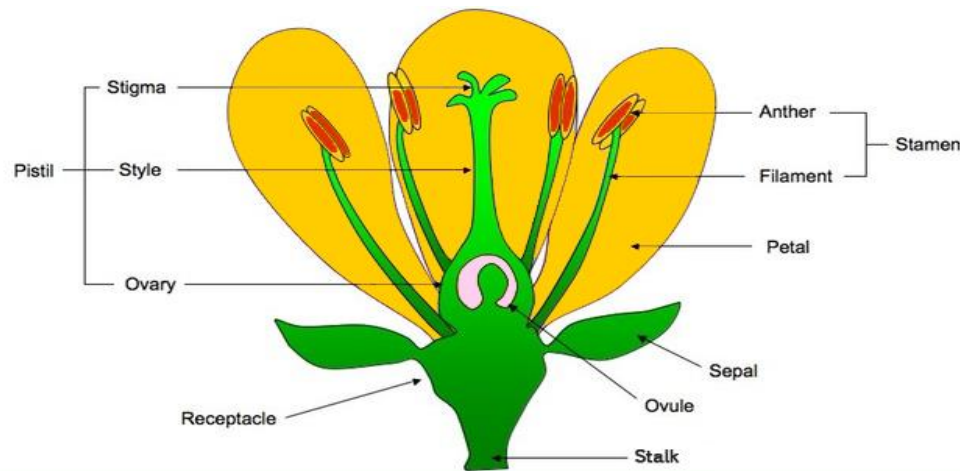


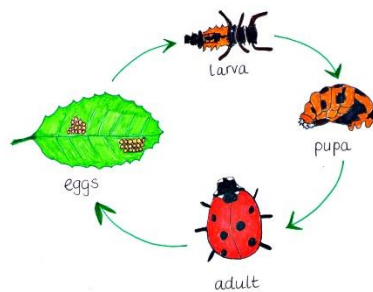
Knowledge Organiser

What a Wonderful World

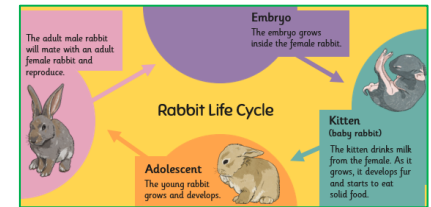
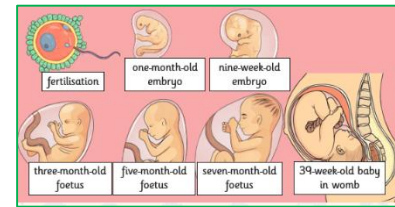


Parts of a flower

I see trees of
green,
red roses too
I see them **bloom**
for me and you
and I think to myself
what a
wonderful
WORLD.



This Science topic, will be focused on biology, specifically looking at all living things and their habitats. You will compare the life cycle of different animals and will be able to identify and explain the parts of a plant and how they reproduce. You will build on this learning by then exploring the changes to humans over time and being able to describe key changes.



SPECIFIC VOCABULARY

☐ Pollination	The transfer of pollen grains enabling them to fertilise and produce seeds.
☐ Amphibian	A cold-blooded vertebrate animal that comprises frogs, toads, newts, salamanders and caecilians.
☐ Mammal	A warm-blooded vertebrate animal, distinguishable by the possession of hair or fur.
☐ Asexual Reproduction	Offspring get genes from one parent so are clones of their parent.
☐ Sexual Reproduction	Offspring get genes from both mum and dad, inheriting a mix of both parents features.
☐ Reptile	An air breathing vertebrate covered in special skin made up of scales, bony plates, or a combination of both.
☐ Metamorphosis	This is a process that some animals undergo
☐ Embryo	An unborn or unhatched offspring in the process of development.

Sticky learning

Year 5: What a Wonderful World – Science Biology

By the end of this unit what should pupils know?

- ☐ Know about the life cycle of different living things
- ☐ Know about the differences between different life cycles
- ☐ Know about the process of reproduction in plants
- ☐ Know about the process of reproduction in animals
- ☐ Know about the stages of growth in humans and record these on a timeline