KNOWLEDGE ORGANISER

SCIENCE	*Life Cycles*	*UKS2 -YEAR 5/6*

Cross curricular links

Working scientifically

Plan different types of scientific enquiries to answer questions

Pictures/photos relevant to topic

Key Knowledge

Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird

Explain how some life cycles include metamorphosis

Describe the life cycle of flowering plants

Explain the process of reproduction in flowering plants, including pollination and fertilisation

Key Vocabulary

Embryo – an unborn or unhatched offspring in the process of development

Larva – the active immature form of an insect

Pupa – the insect in its inactive immature form

Metamorphosis – the process of transformation from an immature form to an adult form in two or more distinct stages

Germination – the development of a plant from a seed or spore after a period of dormancy

Pollination - the transfer of pollen to a stigma, ovule, flower, or plant to allow fertilization

Fertilisation – the process of fertilizing an ovule to form a zygote

Useful Information

RESOURCES:

What is a life cycle? - BBC Bitesize

How do flowering plants reproduce? - BBC Bitesize

ACTIVITY:

Test your knowledge of plants with these videos, activities and quizzes

Plants - KS2 Science - BBC Bitesize