

**Lesson 5**

**LO: To compare the life cycles that animals go through metamorphosis**

## **What is metamorphosis?**

Metamorphosis is a process where animals undergo an abrupt and obvious change in the structure of their body and their behaviour.

Some animals undergo complete metamorphosis, in which they completely transform. Other animals experience incomplete metamorphosis, where they go through several stages, with each stage getting bigger than the last.

### **Task 1:**

Watch this video clip about the life cycle of an animal

<https://www.bbc.co.uk/bitesize/clips/zt96sg8>

The weird and wonderful life of a butterfly

<https://www.youtube.com/watch?v=rcAN4rkTmNU>

Insects and life cycles <https://www.youtube.com/watch?v=OWHegREkHjM>

### **Task 2:**

Using the models on the next page complete the chart or create your own chart about amphibians and insects using the information and key vocabulary from the video clips. (Metamorphosis, amphibian, insect, transform, larvae, pupa, nymph, egg)

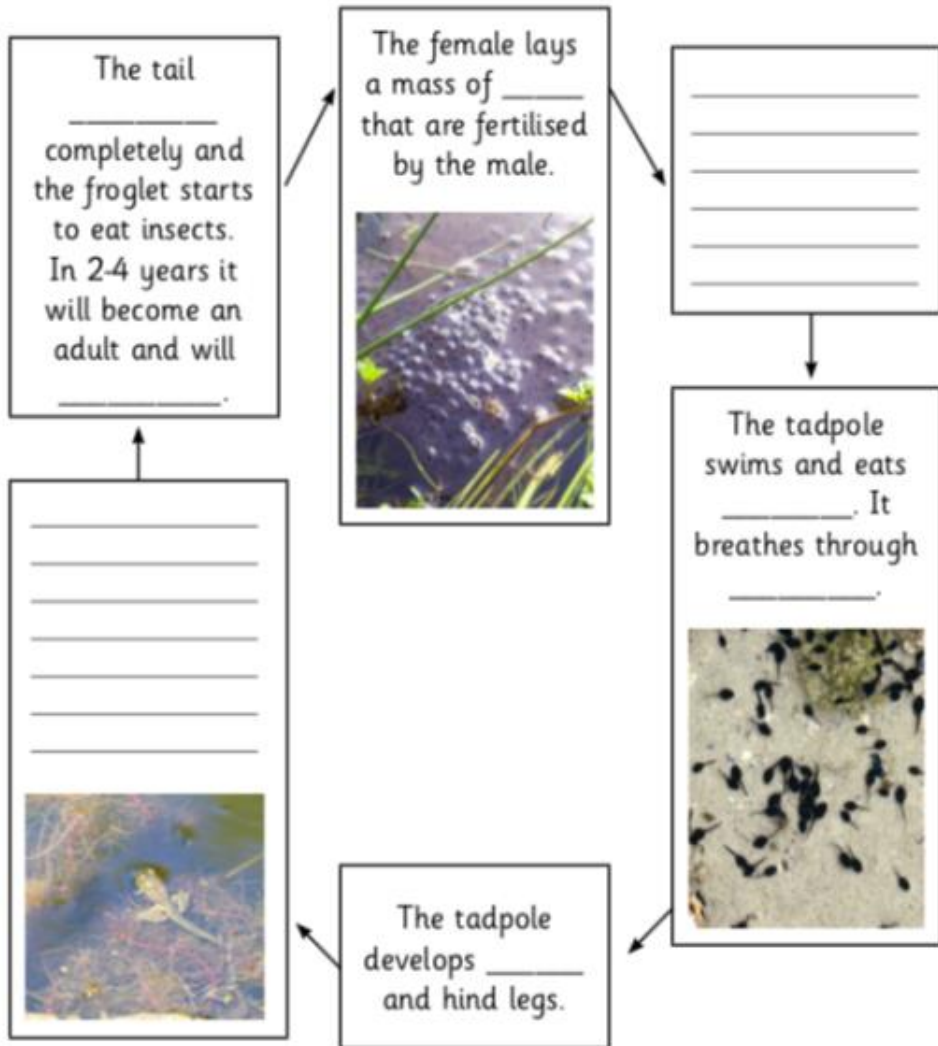
### **Task 3:**

Looking at the life cycle sheets you have created, compare the similarities and differences of the life cycle of a butterfly, dragonfly, newt and frog.

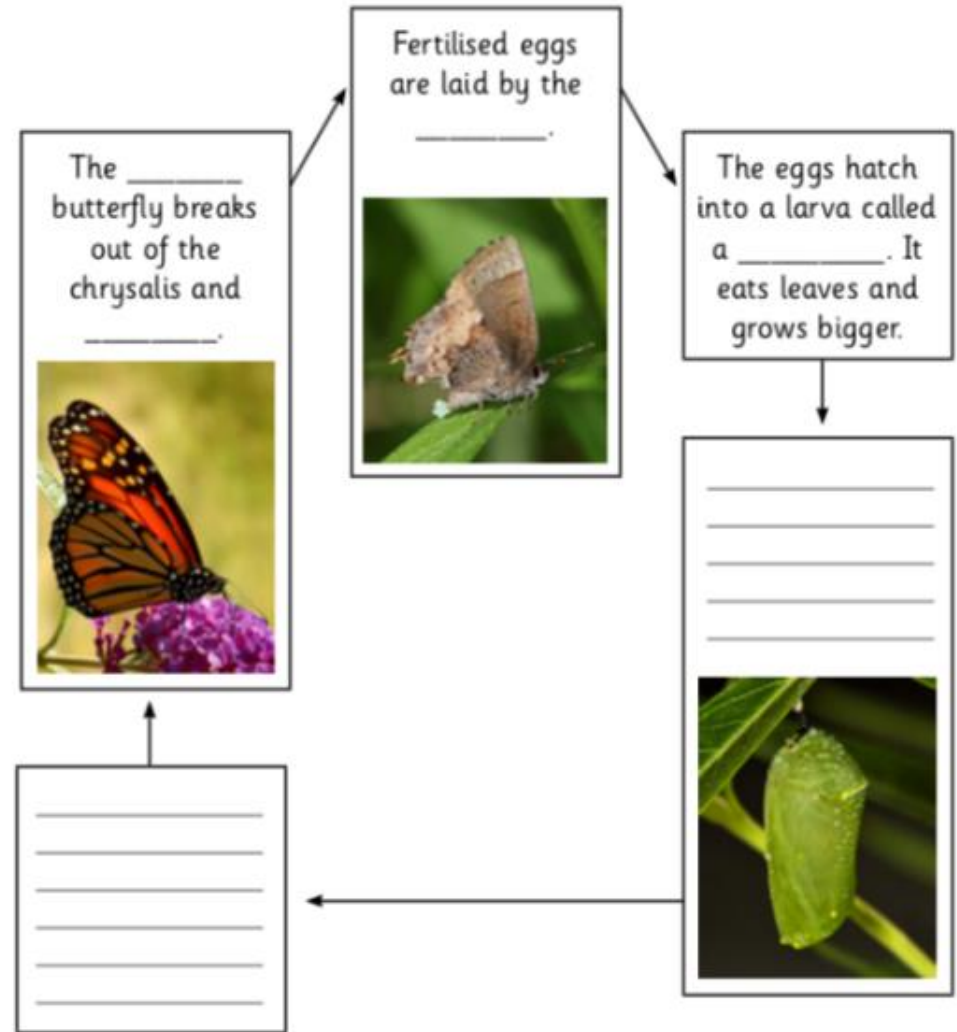
Remember you can always use kiddle to find out more information for yourself.

# Amphibians and Insects

## frog



## butterfly



### dragonfly

The female lays fertilised eggs in or near \_\_\_\_\_.



The fully grown nymph crawls out of the \_\_\_\_\_ up the stem of a plant. It sheds its \_\_\_\_\_ and emerges as a dragonfly. It will find a mate and \_\_\_\_\_.



### newt

The female lays \_\_\_\_\_ eggs in water.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



After 2 or 3 weeks, tadpoles hatch from the eggs. They eat \_\_\_\_\_ and small insects and \_\_\_\_\_ through gills.



\_\_\_\_\_

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