

# Year 5 Living Things and Their Habitats Answers

## Fill in the words to complete the sentences:

An **insect** is a creature whose body is split into three sections called the head, the thorax and the abdomen.

It has an exoskeleton. There are around one million species including ants, bees and butterflies.

A **bird** is a vertebrate. It has a beak, feathers and wings. Examples include owls, swans and sparrows. Not all species can fly.

A **mammal** is a warm-blooded creature that gives birth to live babies. It has fur or hair. The largest in the world is the blue whale and the smallest is the bumblebee bat.

An **amphibian** is a cold-blooded creature. It can breathe in and out of water. Frogs and toads are examples of these creatures.

## What is a life cycle?

A life cycle is a journey of changes that take place throughout the life of a living thing including birth, growing up and reproduction.

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## Tick the correct answer:

### This is the life cycle of...

a bird

an insect

an amphibian

a mammal

1. An embryo grows inside the mother, who it is completely reliant upon.



3. The independent adult usually seeks company from the opposite sex and mates. The adult female nurses her young.

2. Main period of growth and developing independence from the parents.



**Number the stages from 1-6 in the correct order:**

**6**

The tail disappears and it starts to eat insects instead of plants. It takes 2-4 years to become an adult and lay eggs.

**3**

It swims and eats plants. It breathes through gills.

**1**

The female lays a mass of eggs which are fertilised by the male.

**4**

The tadpole grows fins and a stronger tail. Then it develops lungs and hind legs.

**2**

After 2-25 days, the tadpole hatches from the egg.

**5**

The tadpole grows front legs and its tail shortens. It uses nutrients in its tail as food. It jumps out of the water on to land.

**True or false? Explain and correct any facts that are false.**

true  false

1. Metamorphosis means 'to warm up'.

1. It means 'to change'.

true  false

2. Complete metamorphosis describes what happens to insects, such as butterflies, flies and beetles.

true  false

3. Butterflies have three life cycle stages: egg, larva and adult.

3. There are four life cycle stages: egg, larva, pupa and adult.

true  false

4. Insects, such as grasshoppers, crickets and cockroaches have three stages during their life cycle known as incomplete metamorphosis.

true  false

5. The three stages of incomplete metamorphosis include egg, nymph and adult.

**Explain the 3 stages of the life cycle of a bird.**

1. **Eggs are laid by the mother. The mother and father care for the egg until it hatches.**

2. **Mother and father feed the young bird until it is old enough to fly and find its own food.**

3. **The independent adult usually seeks company from the opposite sex and mates.**