



Topic: Circle of life

Year: 5

Enquiry Questions

- What do we know about life cycles?
- What do we know about the life cycle of an amphibian and an insect?
- What do we know about the life cycle of a bird?
- What makes a successful life cycle?
- How are humans helping endangered animals complete their life cycles?

Key Vocabulary

life cycle	This shows how things are born, how they grow and how they reproduce.
metamorphosis	A major change from one form to another in the life cycle of some animals when they change from young to an adult.
Mammal	A mammal is an animal which grows hair or fur, has live babies and produces milk for those babies.
Amphibian	Amphibians are cold-blooded animals (with a backbone) that do not have scales. They live part of their lives in water and part on land.
Insect	An insect is an invertebrate animal (they have no back bone). They have 6 legs and 2 antennae.
Bird	Birds are warm-blooded vertebrates which by feathers, toothless beaked jaws and laying of hard-shelled eggs.

Key information

<p>Mammals</p> <ul style="list-style-type: none"> - female gives birth to young - Live young are born - young looks like adult - female provides milk for young 	
	<p>Amphibians</p> <ul style="list-style-type: none"> - eggs laid in water - young go through different form before looking like adult - no parental care
<p>Insect</p> <ul style="list-style-type: none"> - egg laid and then hatch - some grow to adult but most go through metamor- 	
	<p>Birds</p> <ul style="list-style-type: none"> - eggs laid in a nest - young hatches from an egg - grow to adult - parental care after hatching

Retrieval Quiz

- What is an amphibian?
- What are the 4 stages of an amphibians life cycle?
- What is a mammal?
- What does a young mammal look like?
- What is an insect?
- What stages are in an insects life cycle?
- What is a bird?
- What are the differences between a birds and an insects life cycle?
- Where what Lucy Cheesman born?
- What did Lucy Cheesman do?

Scientist

Lucy Evelyn Cheesman (1881-1969)



Lucy Cheesman was a British entomologist (someone who studies insects) and traveller. She collected over 70,000 specimens of insects, plants and other animals.

Useful Websites

[What are mammals? - BBC Bitesize](#) Revision of classes from KS1