

# 208. Living Things

## PowerPoint One - Changing and Growing - basic introduction to lifecycles continued.

Plants have life cycles too. This plant grows beans that can grow into adult plants.



Its seeds will only grow into bean plants.

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A seed grows into a plant but seeds look very different to an adult plant. It changes a lot.



Sunflower seeds will grow into a sunflower plant.

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Some animals don't change much as they grow.



A child looks like its parents. A young horse, a foal, looks like its parents too.

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Some animals change a lot as they grow up. When they are young they don't look like their parents at all.



Do you know what this prickly young animal is and what it will grow into?

Did you guess? It's a caterpillar and it will grow into a Red Admiral butterfly.

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A butterfly changes all through its life.

It starts growing inside a tiny white egg. When it is ready it hatches out of the egg as a caterpillar and then eats and eats.



A fat caterpillar looks very different to its butterfly mother.

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The caterpillar makes a cocoon or pupa. Inside the cocoon, the caterpillar grows and changes into a butterfly.




The butterfly has wings and a thin body. It's not like a caterpillar at all.

How many stages are there in a butterfly's life?

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Young frogs start out as eggs. The adult frogs lay the eggs in a lumpy jelly that is called frogspawn.



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Tiny tadpoles hatch from the eggs. Tadpoles have tails like fish and live under the water.



Tadpoles use their tails to swim. How do adult frogs swim? What do they use?

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Tadpoles grow front and back legs. Then they lose their tail. When that happens they are froglets. They look like small adult frogs.



Adult frogs live on land and in the water.

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**Life cycle** means that living things grow and change. Some animals grow old, just like humans grow old.

An elephant can live for more than 70 years.


Old elephants help younger elephants. Just like older humans help younger humans!



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Most animals don't live as long as humans live.

Flies often live for only a few weeks.



How do animals change as they grow older?

A guinea pig lives for only four to eight years.

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