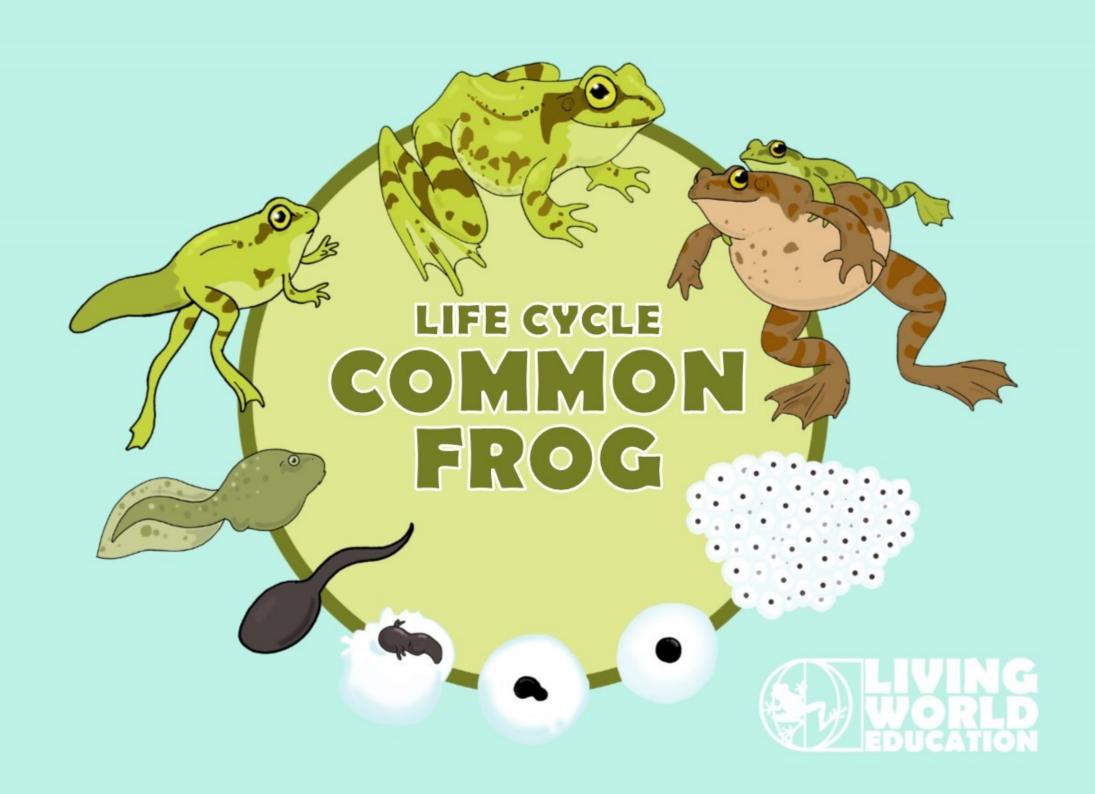




www.livingworldeducation.com/biology



Frogs are amphibians. Their life cycle begins in water because they lay eggs without shells.

On land, the jelly-like spawn would dry out.

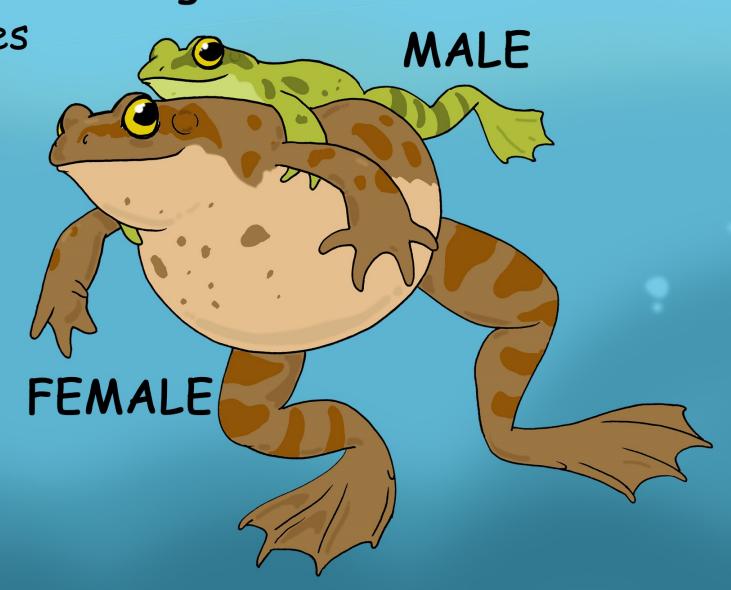
All amphibians have

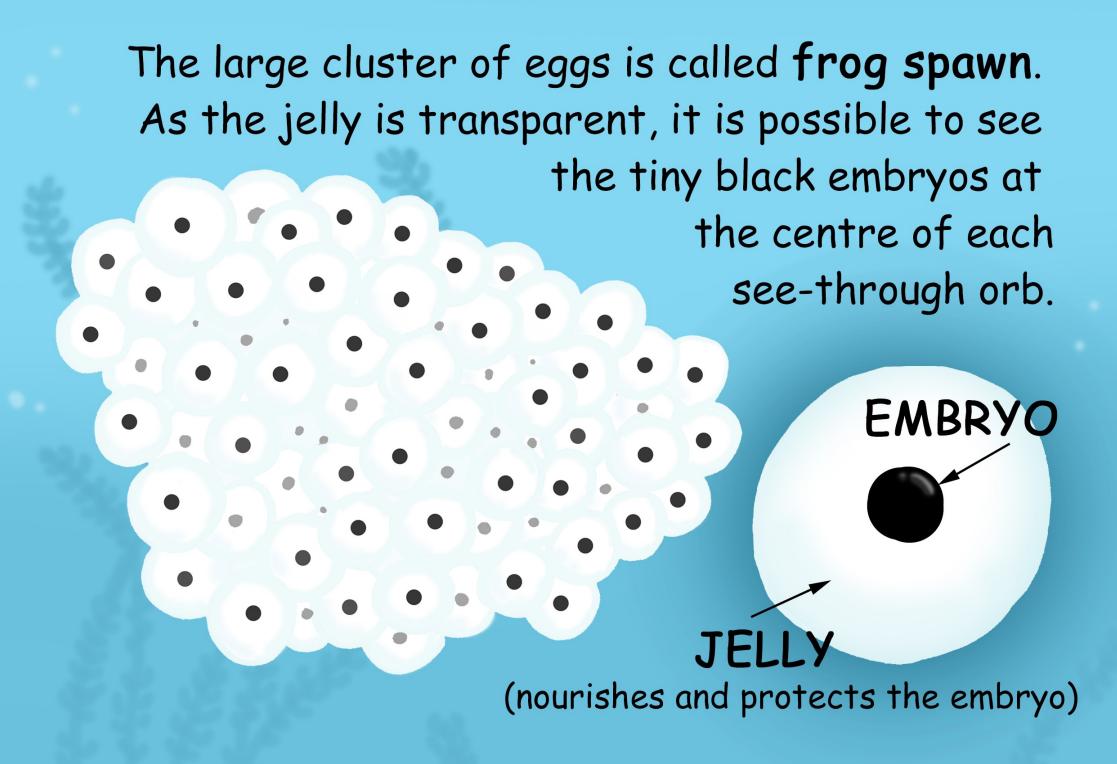
a stage of transformation from larvae to adults called metamorphosis.



Adult frogs couple up with the male attracting a mate with a **croaking** call.

The male gives the female a squeeze and she releases her eggs.





As the embryo develops, it is easy to see the forming of a head and a tail.

The tadpole soon emerges, and continues to eat the jelly.

TAIL

Oxygen from the water is absorbed by delicate, feathery gills (like a fish) which can be seen on either side of the body.

HEAD



After a short while, the tadpoles become more defined with a glossy, dark body. It uses a wiggly tail to swim as it feeds on tiny creatures and plants called algae.

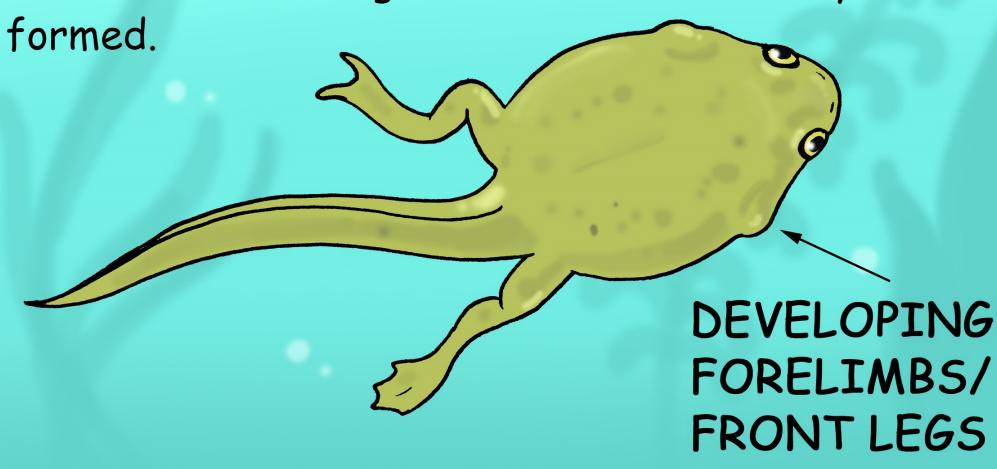
Now the tadpole has speckled skin, well developed eyes and a sucker mouth.

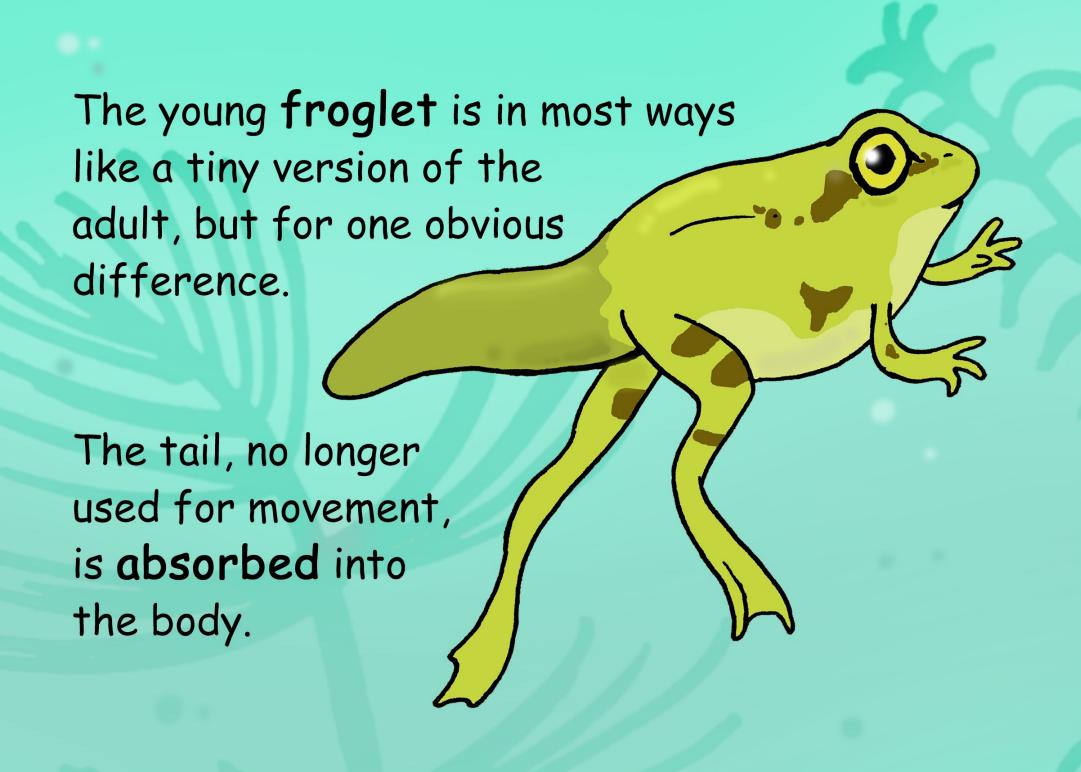
Bumps appear by the tail, indicating where legs will soon appear.



Shortly after the development of back legs, it is possible to see bumps where forelimbs will soon emerge.

The head is starting to become more clearly





Metamorphosis takes a tiny, aquatic tadpole on a remarkable journey. It has developed a skeleton, legs

and a totally different way of **breathing!**



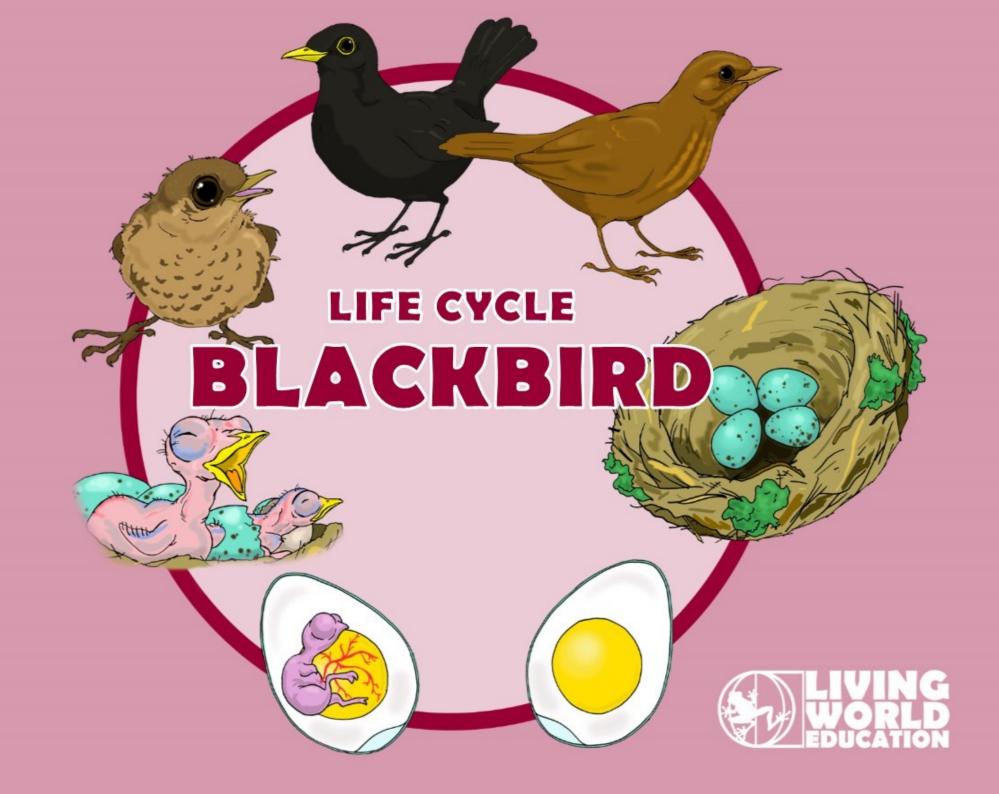
Now try these...

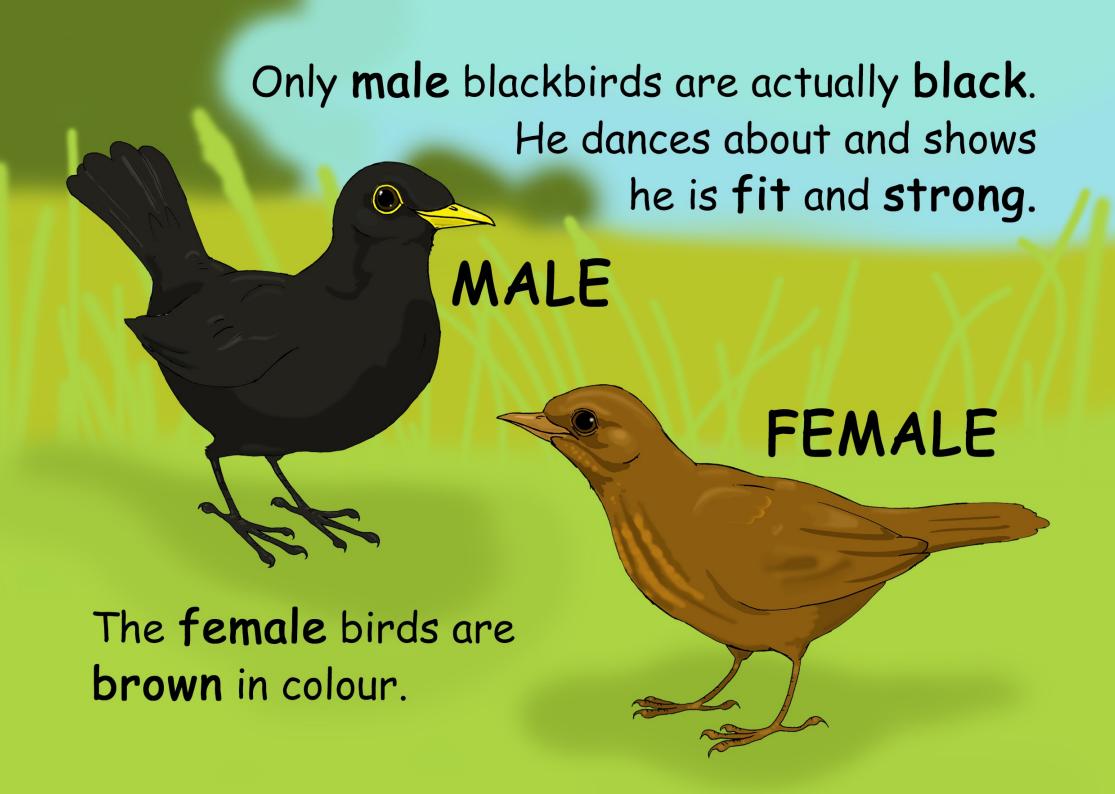
Tadpole Diary Log

Sequence sorting activity

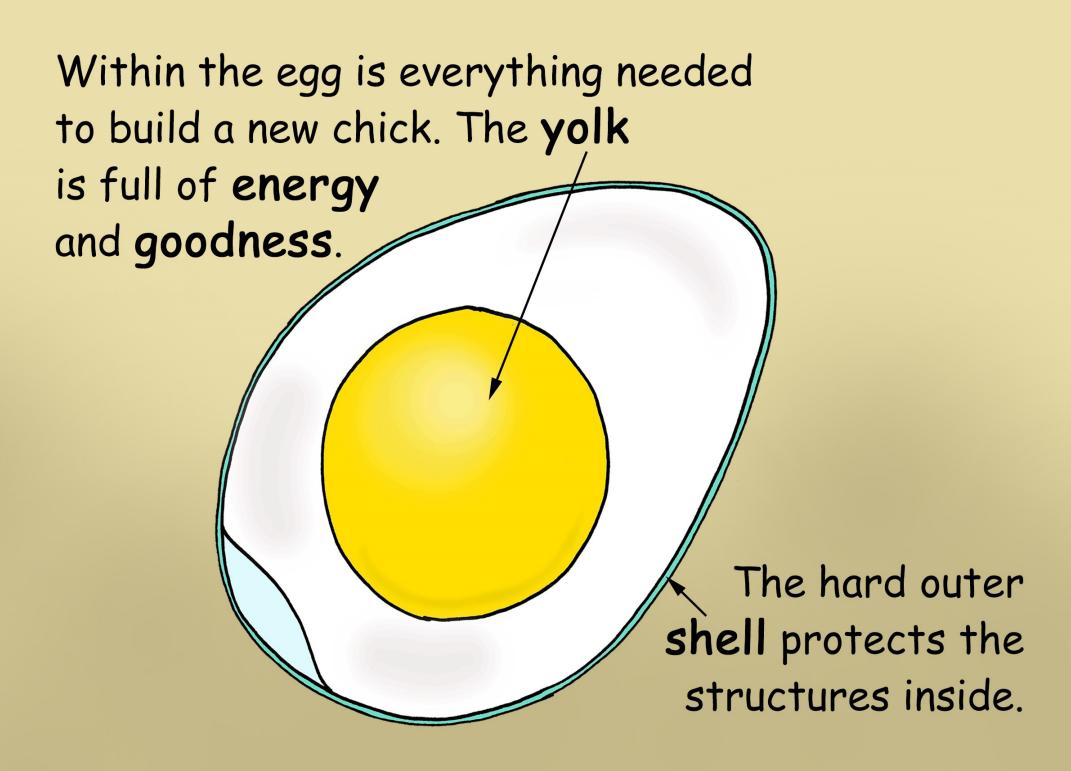
... in our activity pack!



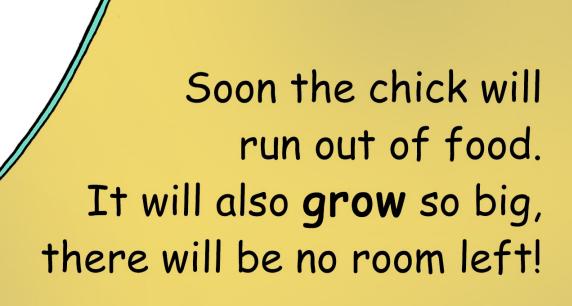












The newly **hatched** chicks have yet to grow feathers, or even open their eyes.

They constantly demand food from their parents.

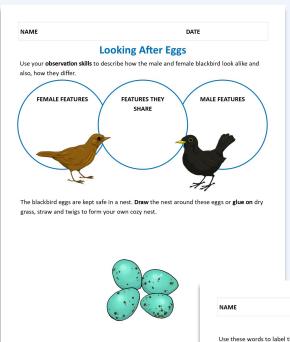


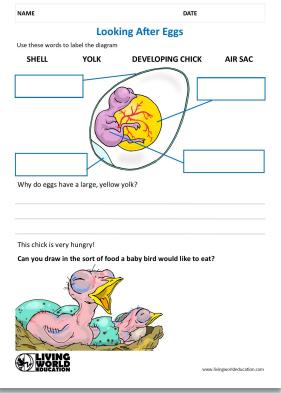


Now try these...

Looking After Eggs Activity Sheets

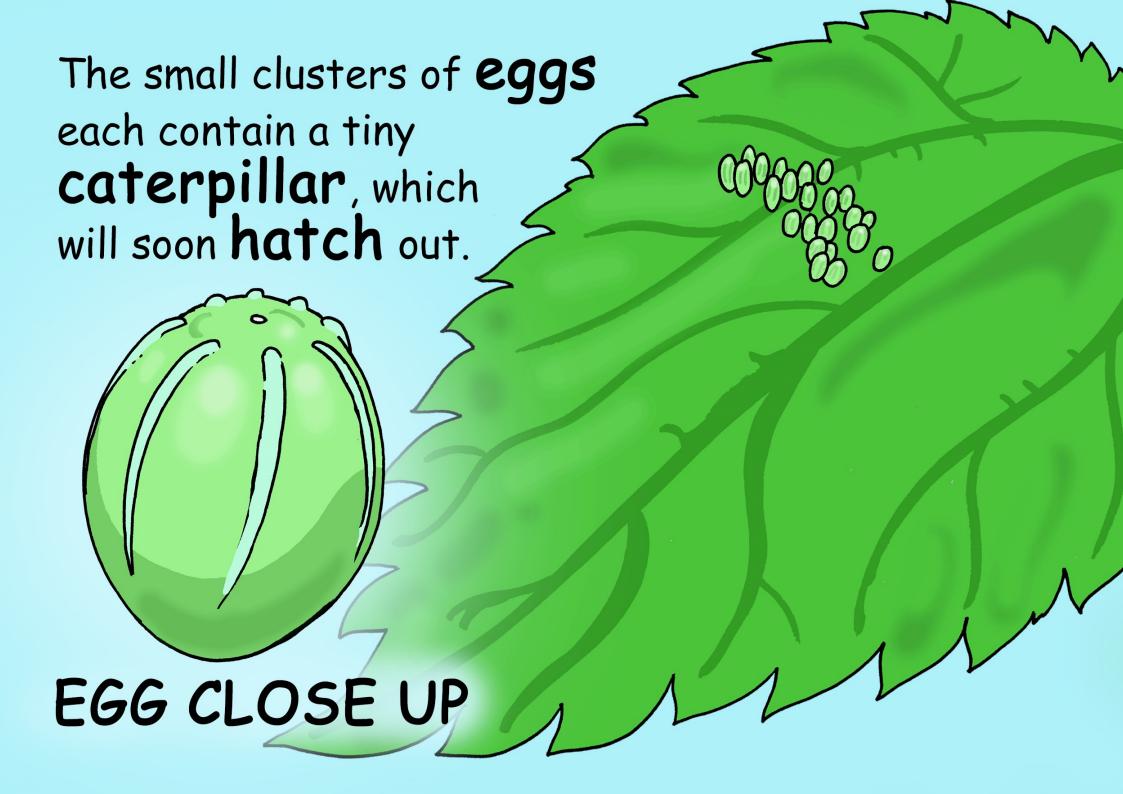
... in our activity pack!





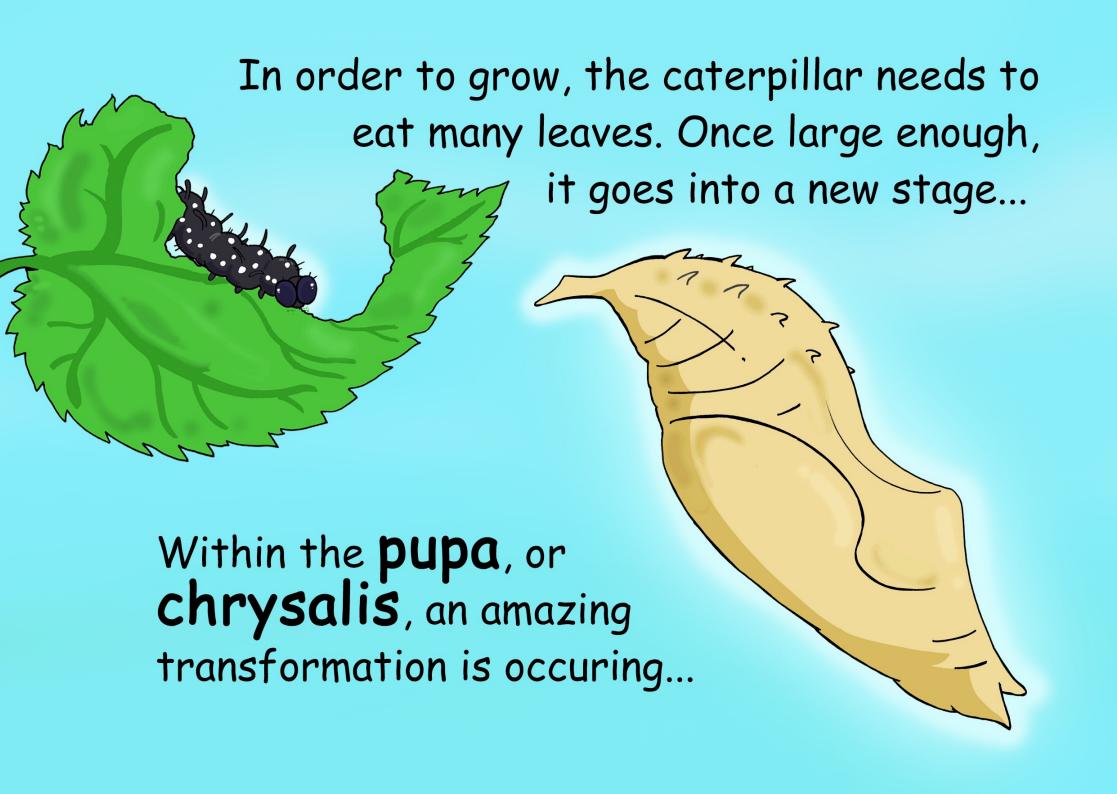


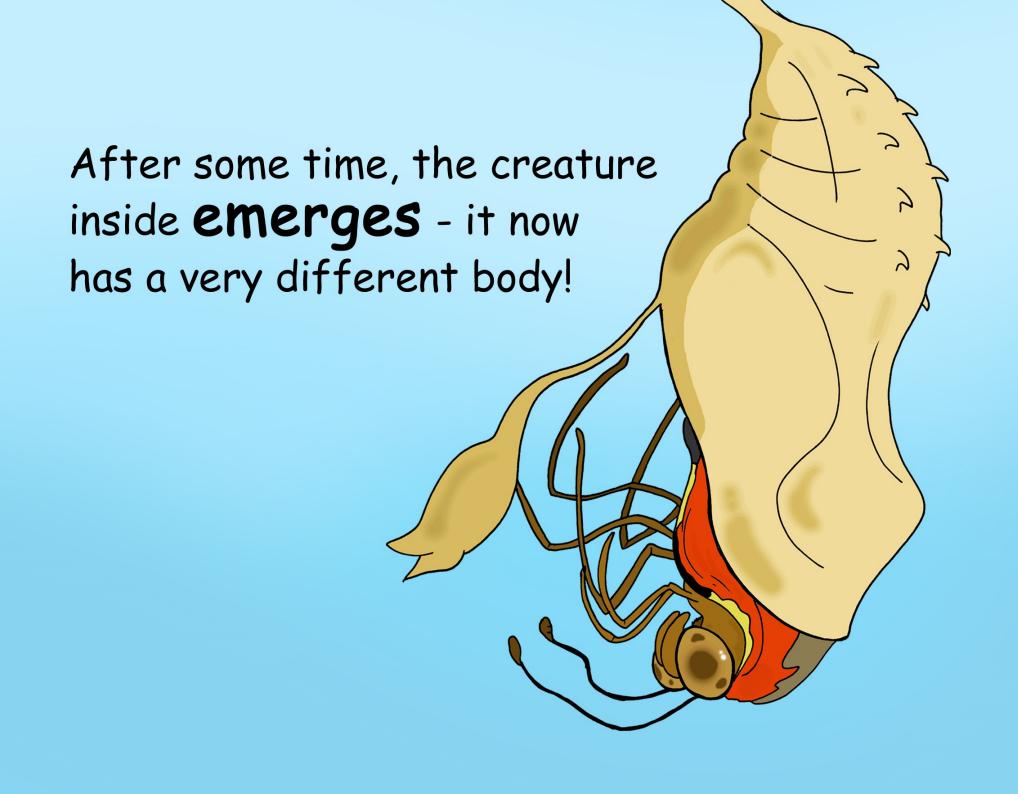




The caterpillar is the larval stage of the life cycle. Its long body is covered in spiky structures that make it unpleasent for predators to eat!









Using its colourful **Wings**, it flies off in search of sweet nectar.

Now try these...

Butterfly Symmetry
Art Activity



... in our activity pack!

