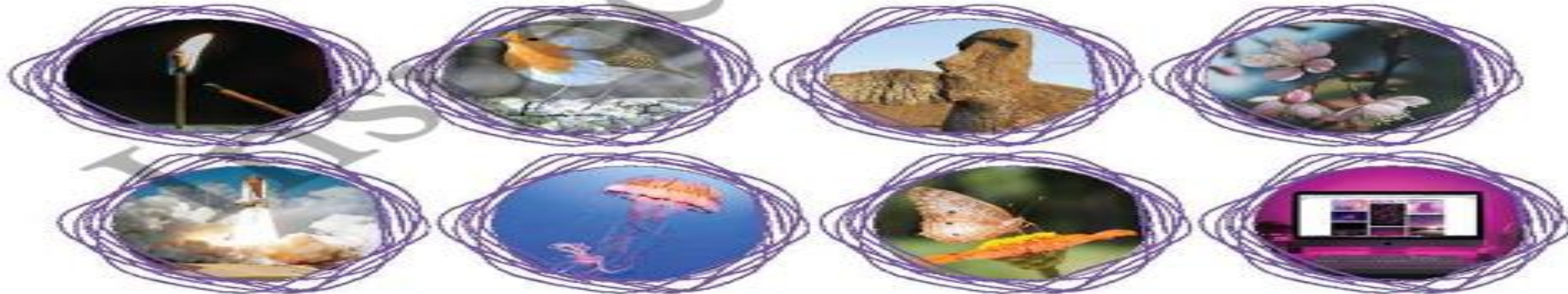


* 4.1. living and non-living



Do you agree with what the learners say?
Which things are **alive**?

Which things in these pictures are alive?



Primary Science

Everything that is alive

- uses oxygen
- has senses
- can produce young
- needs food and water
- moves
- grows
- produces waste products



Living or non-living?

Look at the pictures. Are these things living or non-living?



rose



river



spider



penguin



watch



cactus

Think about it!

A car can move
but it is non-living.



It's alive!

Observe things outside.

Fill in the table. Two examples have been given, but you must decide if they are living or non-living.



I observe a ...	mango tree	bicycle				
needs oxygen	✓	✗				
needs food and water	✓	✗				
can move	✓	✓				
has senses	✓	✗				
can make young	✓	✗				
grows	✓	✗				
makes waste products	✓	✗				
living or non-living?						

* 4.2. Growth

Animals grow in stages.
How do animals change and grow?



egg



chick



chicken



egg



tadpole



frog

Look at these pictures, where are you now in the cycle?



baby



toddler



child



teenager



adult

All living things have young. The young grow. An adult is fully grown.

Name the young for each of these animals.



Plants grow in stages.



A seed is planted.



The seed begins to grow.



A young plant develops.



The young plant becomes a fully grown, flowering plant.

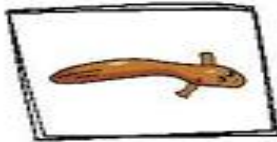
Primary Science



This picture shows a chick.
A chick is a baby chicken.
The chick comes out of an egg.



This picture shows a chicken.
The chick grows and becomes
a chicken.



This picture shows a tadpole.
A tadpole is a baby frog.
The tadpole comes out of an egg.



This picture shows a frog.
The tadpole grows and becomes
a frog.

- Animals change as they grow.
- The life cycle of a frog is egg, tadpole and frog.
- The life cycle of a chicken is egg, chick and chicken.
- Animals develop in different ways.

* 4.3. How do animals move?



bird / fly



turtle / crawl



fish / swim



kangaroo / hop



horse / run

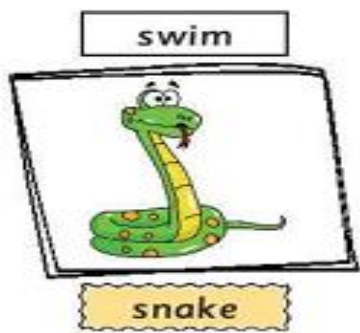
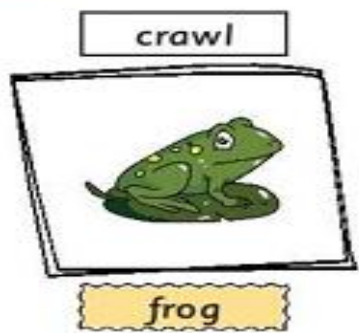


goat / walk

Some animals run, fly, walk, swim, crawl and hop.

- Animals can move from place to place.
- Different animals move in different ways.
- Some body parts help animals move.

Match.



Draw.

	run		hop
	walk		fly
	swim		crawl