

Junior Scientists

Book 3

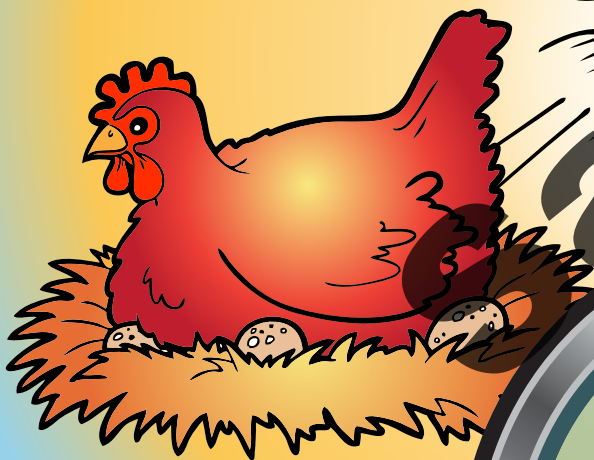
Ages 8-9 years

Earth & Space Sciences

Physical Sciences

Biological Sciences

Chemical Sciences



By Yolanda Cool

Living Things 1

- Write a sentence about living things:

Living things _____



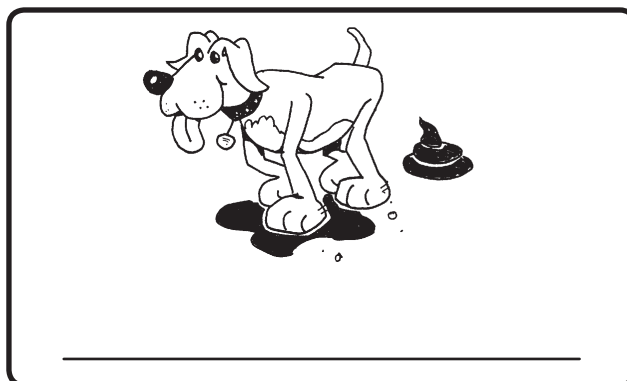
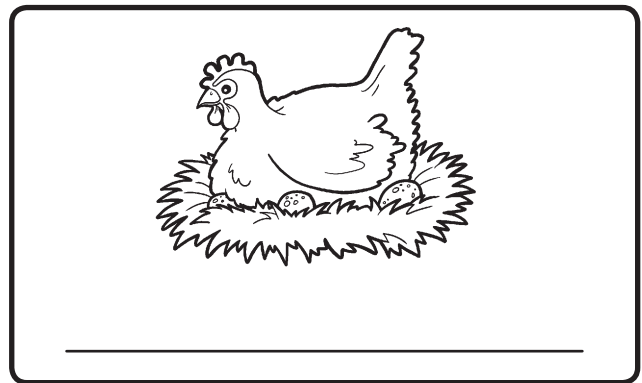
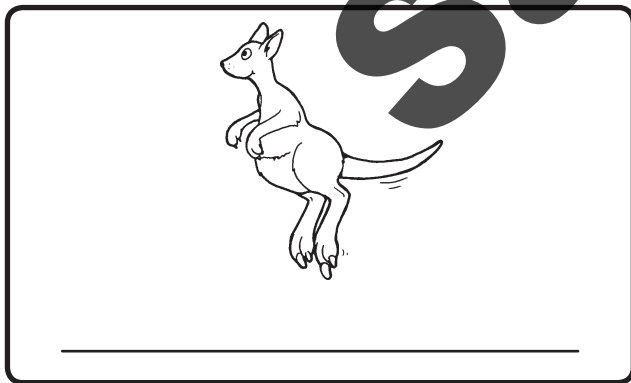
Draw or paste a picture of **living things**:

Growing

Taking in food

Using air and water

- What are these **living things** doing?



Living Things 2

Walk around the school. Observe different types of plants and animals.



Write down three examples under each heading.

Animals

Plants

1. _____

1. _____

2. _____

2. _____

3. _____

3. _____

Answer Yes or No for each example you have found.

	Animal 1	Animal 2	Animal 3
Do I grow?			
Do I reproduce?			
Do I need water & air?			
Do I move?			
Do I eliminate waste?			
Do I take in food?			

	Plant 1	Plant 2	Plant 3
Do I grow?			
Do I reproduce?			
Do I need water & air?			
Do I move?			
Do I eliminate waste?			
Do I take in food?			

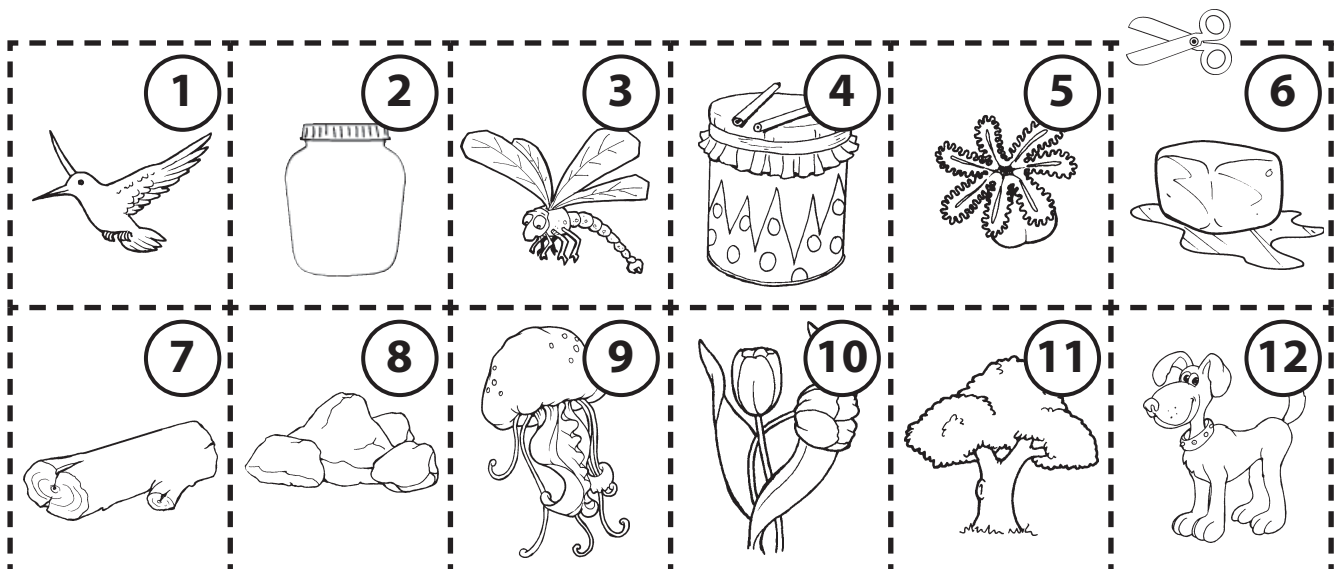
▶ Living Things 3

○ Cut out the pictures and arrange them under the headings.

Living Things

Non-living Things

Sample



▶ Living, Once Living and Products of Living Things

- Categorise some of the objects on display in the classroom.



Living	Once Living	Products of Living



Draw three shops that sell products of living things. Show the types of products that they sell.

▶ Reversible and Irreversible Change

Experiment: How water responds to changes in temperature.

Materials:

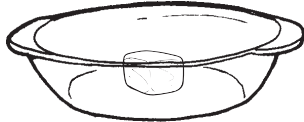


- ice cube
- bowl of water at room temperature
- hot cup of tea
- thermometer

Process:

1. Predict the temperature of each matter.

Ice cube	Water at room temperature	Hot cup of tea
Prediction: <input type="text"/>	Prediction: <input type="text"/>	Prediction: <input type="text"/>

2. Using a thermometer record the actual temperature of each matter.

		
Temperature: <input type="text"/>	Temperature: <input type="text"/>	Temperature: <input type="text"/>

3. Complete the table.

What happens to each matter when kept at room temperature?	
Ice cube:	<input type="text"/>
Bowl of water:	<input type="text"/>
Cup of tea:	<input type="text"/>
How can each matter be changed back to its original state?	
Ice cube:	<input type="text"/>
Bowl of water:	<input type="text"/>
Cup of tea:	<input type="text"/>