

## Primary Science Stage 3 - Unit 4 Staying Alive - Revision

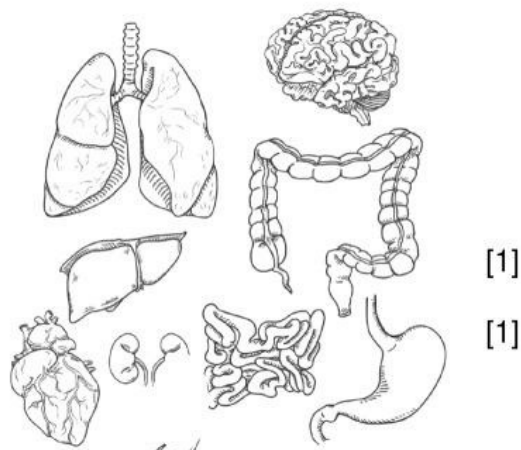
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### 4.1 Human Organs:

1. These are human organs.

i. Write the letter on the drawing.

- Write letter "X" on the brain.
- Write letter "Y" on the part that helps us breathe.



[1]

[1]

ii. Complete these sentences.

**blood**

**oxygen**

**nutrients**

The heart pumps \_\_\_\_\_ around the body. [1]

2. There are different life processes that humans do.

Match column A to B.

One number has been done. for you. [2]

Movement	↙ ↘	give birth
Reproduction		get bigger and taller
Nutrition		eat and drink
Growth		run or walk

3. Peta and Anya investigate how pulse rate changes with exercise.

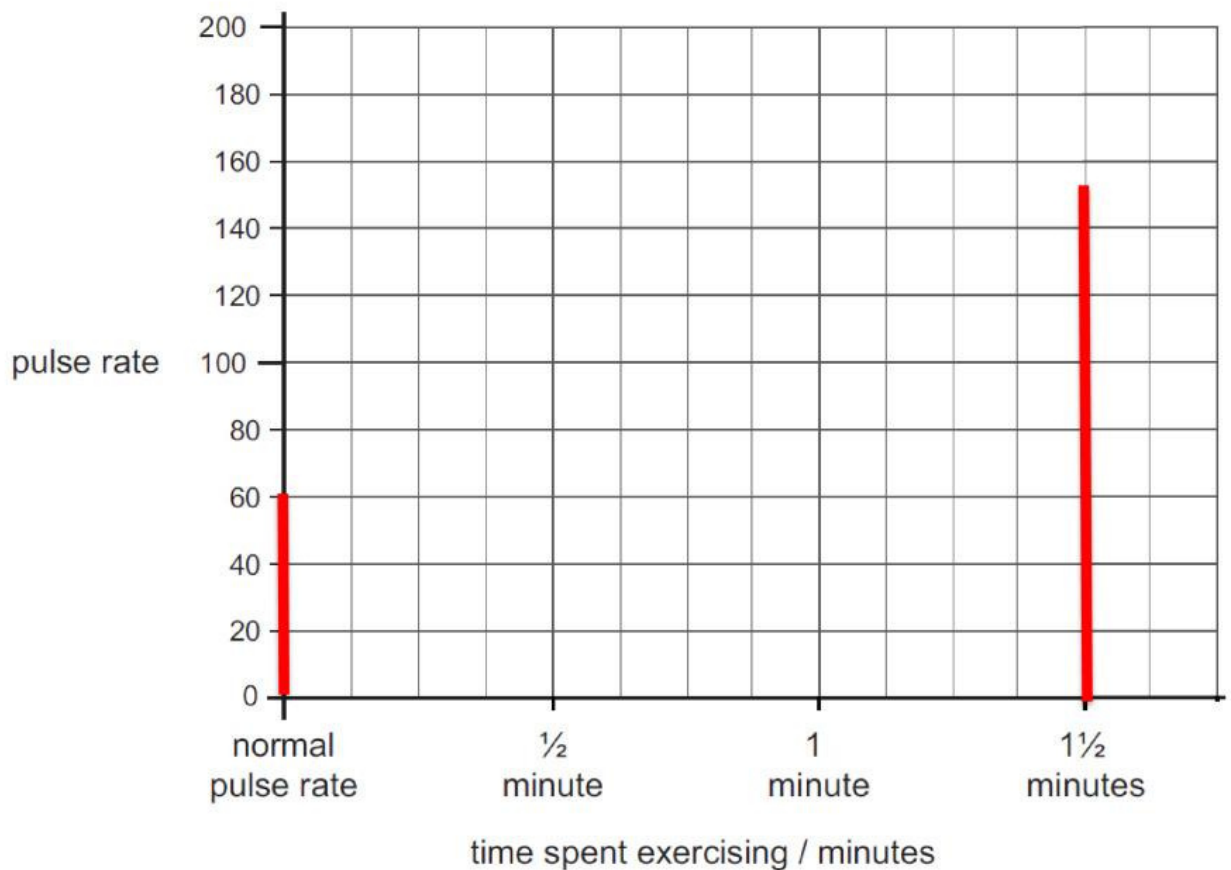
They predicted that;  
**"Our pulse rate gets faster as we exercise longer."**

Here are Anya's results.

time spent exercising in minutes	pulse rate
0	60
$\frac{1}{2}$	100
1	130
$1\frac{1}{2}$	150

(a) Plot the missing results on the graph.

[2]



b. Was their prediction correct? Why?

[1]

\_\_\_\_\_, because the number gets \_\_\_\_\_.

c. What pattern do you see in the graph?

[1]

The bar gets \_\_\_\_\_.

d. Anya gets enough rest after exercising and Peta measures her pulse again. What do you think is her pulse rate at rest?

[1]

\_\_\_\_\_ beats per minute

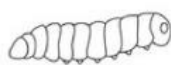
## 4.2 Animal Groups and Different Life Cycles

1. Draw or label the missing stages in the life cycle of a butterfly.

[2]



Egg



Larva (caterpillar)

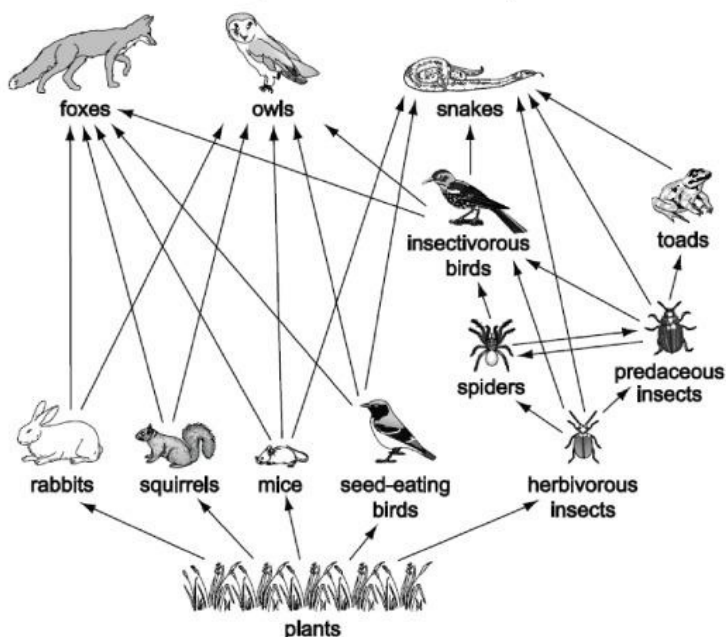


Pupa (chrysalis)



\_\_\_\_\_

2. Some children visit an animal park and saw this picture on the wall.



- a. The children use the features of some animals to sort them into groups. Complete the table below.

[2]

		reptiles	amphibians	insects	fish
owls	rabbits foxes	snakes	toads	spiders	none

- b. One student noticed something wrong in the table. Find the error and circle it. [1]

- c. All birds had 2 legs and are covered in \_\_\_\_\_. [1]

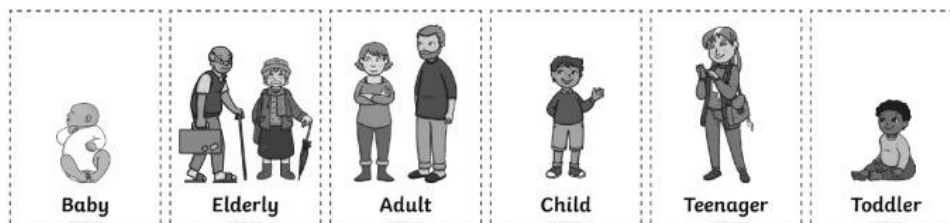
- d. There was a warning that says, "Don't feed the animals."  
Why can't we give food to the animals? [1]

We don't give food to animals because they can \_\_\_\_\_ us.

3. Arrange the human life cycle in correct order.

- a. Write numbers in correct order.

[2]



- b. In which stage in the cycle you work for your own family.

[1]

\_\_\_\_\_

### 4.3 Food Chains

The pictures show some living things found in the sea.



plankton



fish



penguin



seal

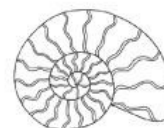
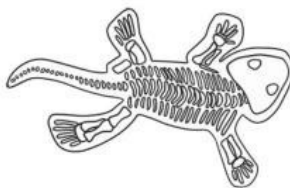
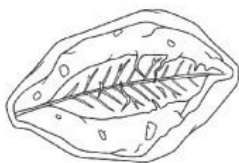
- a. Draw arrows between the pictures to make a food chain. [1]
- b.i. Name one producer in this food chain. \_\_\_\_\_ [1]
- ii. Name one predator in this food chain. \_\_\_\_\_ [1]
- iii. Name two consumers in this food chain. [2]
1. \_\_\_\_\_ 2. \_\_\_\_\_
- c. Overfishing causes the population of fish to go down. What will happen to the number of penguins in the wild? [1]

The number of penguins will \_\_\_\_\_.

### 4.4 Fossils

1. The drawing below shows the remains or impressions of some living things.

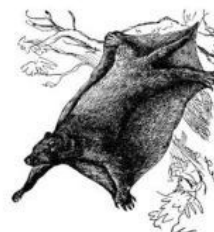
- a. Classify whether these impressions are from a **plant or animal**. [2]



- b. What name is referred to these remains or impressions? [1]

- c. A paleontologist made a model of an animal.  
He thinks it a mammal.

What covers the body of a mammal? \_\_\_\_\_



[1]