

# Science Quick Quiz

## Year 4 Animals including humans

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Q1. Tooth care

(a) Four children record how often they brush their teeth.

Name	Before breakfast	After breakfast	Before tea	Before bed
Mike	✓			✓
Ian		✓		✓
Lucy	✓		✓	
Molly		✓	✓	

Look at the table. Which child is **likely** to have the healthiest teeth?

 .....

1 mark

(b) Why does brushing help to reduce tooth decay?

 .....

1 mark

(c) Which of the following would help most in reducing tooth decay?

Tick **ONE** box.



drink more  
orange juice

eat less sugar

eat less fat

eat more  
vegetables

1 mark

**Q2. Teeth**

(a) Rosie is doing a survey about canine teeth. She counts the number of adult canine teeth each pupil in year 4 has. She also counts the number of adult canine teeth each pupil in year 6 has.

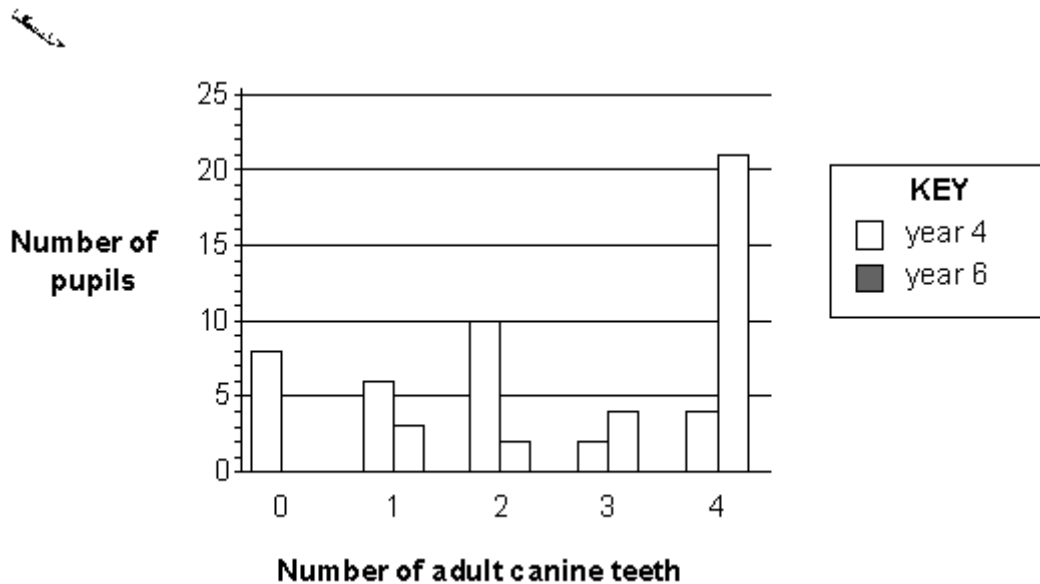
Number of adult canines	Number of pupils	
	Year 4	Year 6
0		
1		
2		
3		
4		

How many pupils in year 4 have only **two** adult canine teeth?

.....pupils

1 mark

(b) Rosie draws the bars for year 4 and year 6 on the graph below to show her results. She has not shaded in the bars for year 6. Shade in the bars for year 6 on the graph below. Use the key and table to help you.



1 mark

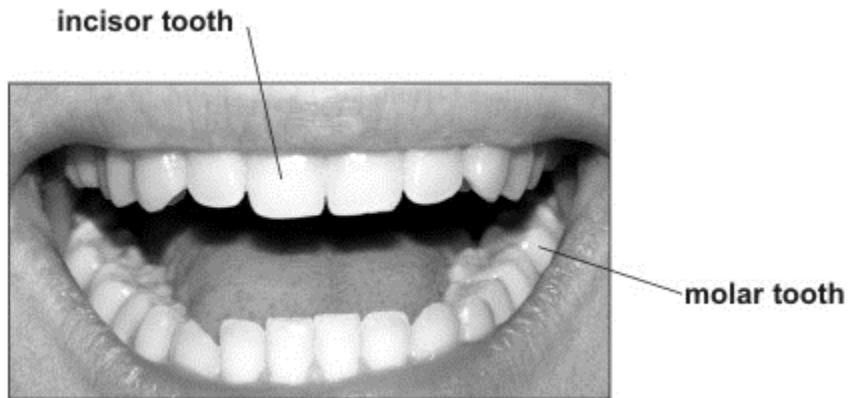
(c) Rosie knows that to keep her teeth healthy she should not eat too many sweets and other sugary foods.

Name **ONE other** thing that Rosie can do to help her teeth healthy.

.....

1 mark

(d) Different teeth have different functions when we eat food.



What function do the **incisor teeth** have that molar teeth do not?

.....

1 mark

(e) Write **true** or **false** next to each of the statements below.

True or false?

Children lose their first teeth and grow new teeth. ....

Human teeth can reproduce. ....

1 mark

**Q3. Living things**



frog



slug



kestrel



lettuce

Slugs can eat lettuces.

Kestrels can eat frogs.

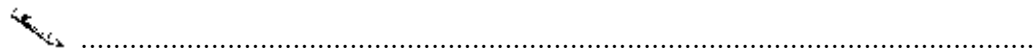
Frogs can eat slugs.

(a) Write this as a food chain.



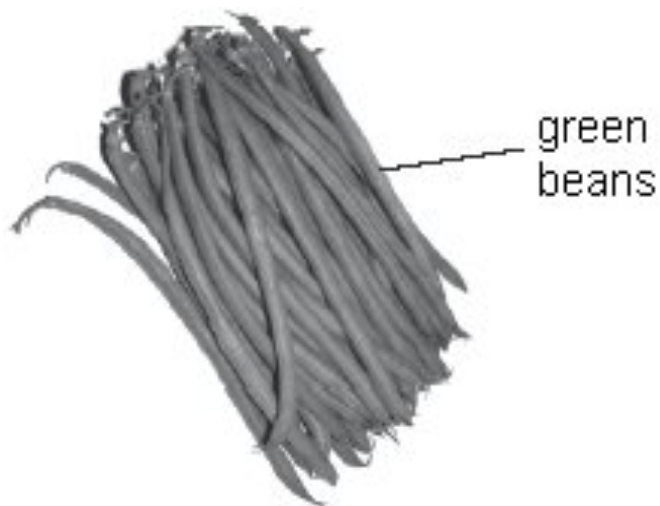
1 mark

(b) Write the name of the producer in this food chain.



1 mark

Q4. (a) Green beans contain vitamin C.



Which other food is a good source of vitamin C?  
Tick the correct box.

cheese

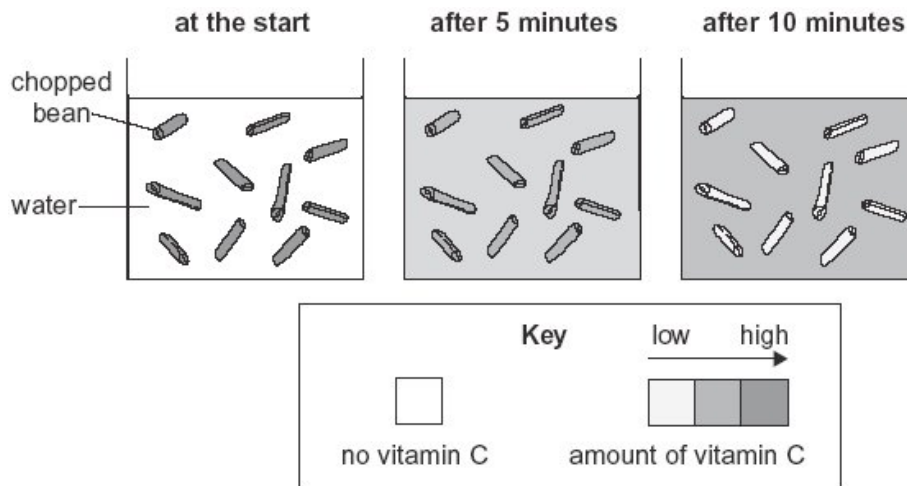
chicken

eggs

oranges

1 mark

(b) The amount of vitamin C changes in the beans and in the water as the beans are cooked. The shading shows how it changes.



Use the diagram. How does the **amount of vitamin C** in the beans and in the water change as the beans are cooked? Tick one box in each row.

amount of vitamin C	increases	decreases	stays the same
in the beans			
in the water			

1 mark

(c) Cheese is a source of calcium.

Why do we need calcium?

.....

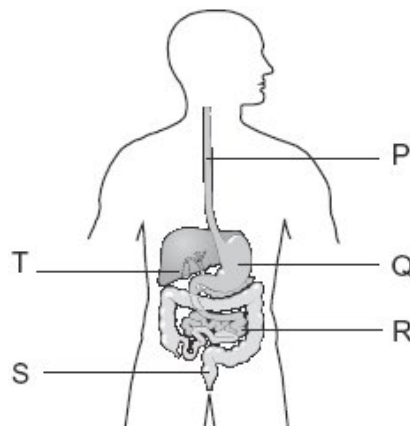
1 mark

(d) Draw a line from each nutrient to a good source of that nutrient in our diet.

nutrient	source of nutrient
starch	lean chicken meat
fat	jam
protein	pasta
sugar	margarine

2 marks

(e) The diagram shows part of the human digestive system.



(i) Write the letter which labels the gullet.

.....

1 mark

(ii) Write the letter which labels the stomach.

.....

1 mark



Assessment Summary	
Total Mark	/17
Below Expectations Below 8 marks	
Expectations Between 8-14 marks	
Above Expectations Above 14 marks	