

3.5 Living Things

Name:

1. Underline the correct word in the following list to complete the sentence. Vertebrates have _____ .

hair

a backbone

feathers

legs

2. Using the list below underline which group fish belong to?

Invertebrates

Vertebrates



3. Animals can be divided into two groups based on whether they have a backbone or not. Which group do spiders belong to?

4. You have been given a long twig with a dry pinkish red bud. Now, use the **key** below to identify the plant.



- | | | | |
|----|--------------------------------------|------------|----------------|
| 1. | Are the buds dry? | NO | Horse chestnut |
| | | YES | Go to 2 |
| 2. | Are the buds black? | YES | Ash |
| | | NO | Go to 3 |
| 3. | Is there a group of buds at the tip? | YES | Oak |
| | | NO | Go to 4 |
| 4. | Are the buds thin? | YES | Beech |
| | | NO | Go to 5 |
| 5. | Are the buds red or pink? | YES | Lime |

5. Match each characteristic of living things with its description.

- | | | |
|---------------------|-------|---|
| <i>movement</i> | (i) | (a) <i>Taking in food or making food</i> |
| <i>respiration</i> | (ii) | (b) <i>Increasing in size or complexity</i> |
| <i>sensitivity</i> | (iii) | (c) <i>Reacting to stimuli</i> |
| <i>feeding</i> | (iv) | (d) <i>Moving towards food or light</i> |
| <i>excretion</i> | (v) | (e) <i>Increasing in number</i> |
| <i>reproduction</i> | (vi) | (f) <i>Releasing energy from food</i> |
| <i>growth</i> | (vii) | (g) <i>Getting rid of waste</i> |



6. Which characteristic(s) of living things is shown in this picture of a boy sweating?

7. In this question, you have a choice. Choose either (a) **or** (b) **or** (c) **or** (d). You only have to complete **one** of them.

(a) Describe the seven characteristics of living things using one animal or plant as an example.

OR

(b) Design a new type of animal or plant using the seven characteristics of living things, e.g. how does it move, feed or excrete etc.?

OR

(c) Create a rhyme or song to help you remember the seven characteristics of living things.

OR

(d) Draw images on a poster to show the seven characteristics of life. Label each characteristic with a short sentence.