

**NAME:**

**SUBJECT: SCIENCE      YEAR: FOUR      ASSIGNMENT NUMBER: ONE**

**Write directly on the paper.**

Maximum marks are given for plenty of detail, explanation and evidence. Look carefully at the number of marks available for each question; always try to give one different piece of information for each of the marks available.

- 1. Why do scientists need to group and sort living things?

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(2 marks)

- 2. Name ways in which scientists could group or sort living things, e.g., carnivores or non-carnivores. Can you give five ways?

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(5 marks)

- 3. Name some ways in which living things have adapted to their environment, or behave in a certain way, in order to survive. E.g., dormice hibernate during winter. Can you name five ways?

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(5 marks)

**ASSIGNMENT**



4. Explain how an identification key helps scientists to identify living things.

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(2 marks)

5. Draw an identification key which would help someone identify up to four living things. Make sure your key is clearly drawn, with questions that need 'yes' or 'no' answers.

(6 marks)

6. Explain your understanding of what a food chain is.

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(2 marks)

7. Draw a food chain which includes at least three living things. Label it with the following criteria:

predator  
prey  
energy  
consumer  
producer  
arrows drawn correctly



(8 marks)

**TOTAL FOR ASSIGNMENT 30 MARKS**