



## Spring 1 Science Quest

Are you ready to challenge yourself with a Science Quest?



This half term's challenge is to use our observation skills to predict the odd one out. There is no right answer as long as you can explain your reasoning. Earn 10 housepoints for your house by completing a challenge and sharing it in school.

### Year 4

#### Terrific Teeth - Odd one out



Look at the images above.

1. Can you identify what the animal eats by looking at its teeth?
2. List things that are the same and things that are different.
3. Which one do you think is the odd one out? Explain your reason.
4. Read the information below. Have you changed your answer? Why?

### Background Science:

The animals pictured are a lion, a wolf and a zebra. Animals that eat meat are called carnivores and animals that eat plants are called herbivores. They have different types of teeth because of their diets. Carnivore teeth are adapted for a meat-based diet, with large, sharp canines for gripping prey, sharp incisors for slicing and tearing meat, and special molars that act like scissors to cut flesh. Herbivores have wide, flat molars that are made for grinding and digesting plants.

### What to do

Draw and label the odd one out.

Explain your answer using the information above.



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