



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 6

Amazing Adaptations - Odd one out



Look at the images above.

1. Identify similarities and differences between the three animals.
2. Think about their habitat and their characteristics.
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 three images were of a penguin, a camel and meerkats. All of these animals have special adaptations to help them survive in their environment. These may be behavioral or physical adaptations. Meerkats use teamwork to spot predators.

Penguins have waterproof feathers, blubber for insulation, and they huddle together for warmth. Camels have wide, padded feet to walk on sand, long eyelashes and nostrils that can close to keep out sand, and a hump to store fat and water.

Draw a detailed diagram of the odd one out. Explain your reasons. Include scientific vocabulary that shows how this animal is different.

Possible words you could use are; **habitat, adaptation, behavioural, physical, designed, environment, survival**


