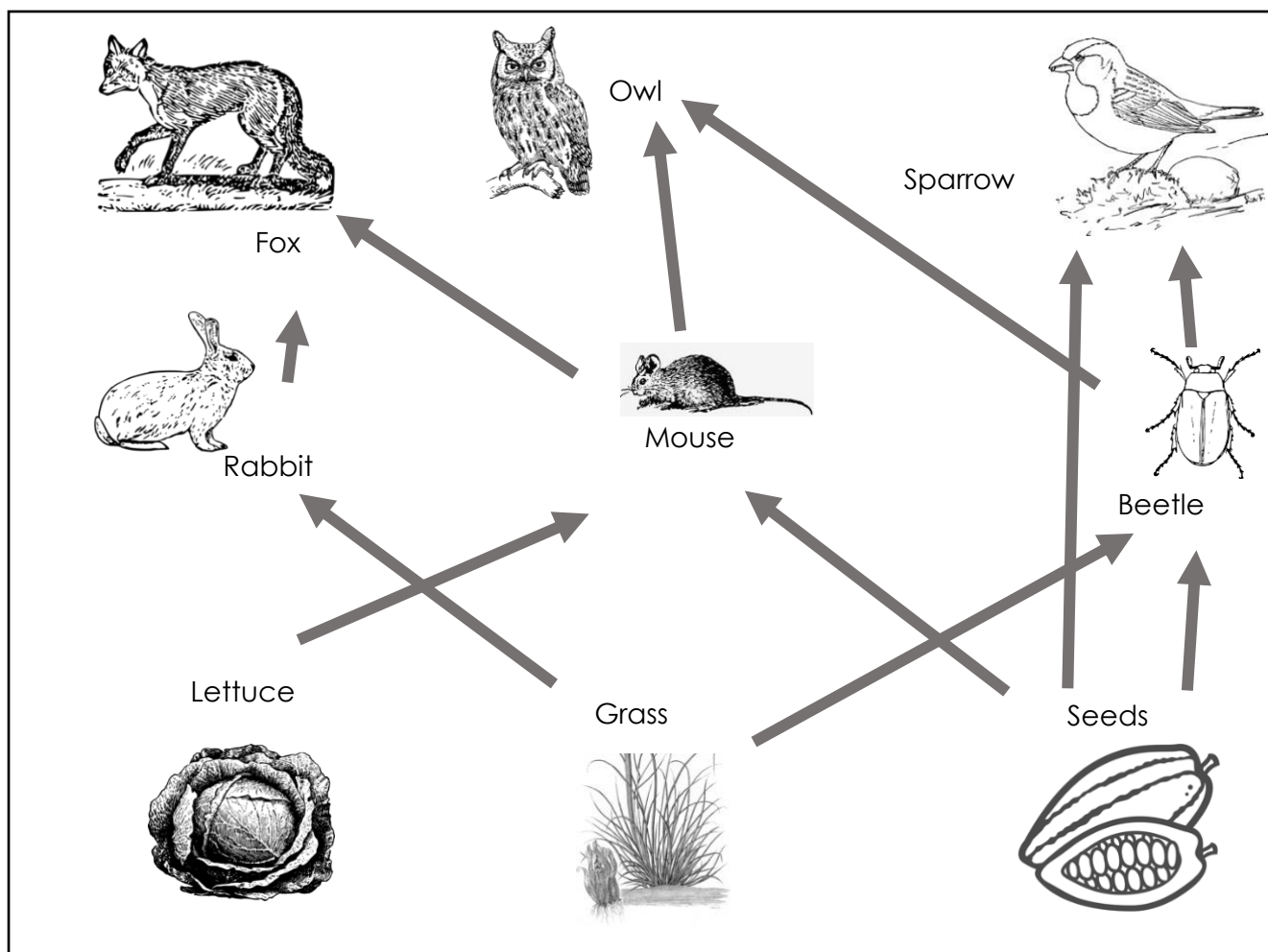




Prior Knowledge Review – Human Interaction

1. Use the following food web to answer the questions:



- Identify any **producers** (circle the name of the species in **green**).
- Identify any **primary consumers** (circle the name of the species in **blue**).
- Identify any **secondary consumers** (circle the name of the species in **black**).
- Identify any **predators** (put a black dot next to the name of the species).
- Identify any **prey** (put a blue dot next to the name of the species).
- Determine which species are **herbivores** (draw a square around the name of the species).
- Determine which species are **carnivores** (draw a triangle around the name of the species).
- Describe what would happen if the population of rabbits was suddenly reduced.





- i. Describe the effects of introducing a new species of sparrow into this food web.

- j. Explain what the arrows represent in a food chain or a food web.

2. Plants and animals compete with each other for a number of resources.

- a. State the resources that animals compete for.

- b. State the resources that plants compete for.

- c. Explain the difference between biotic and abiotic factors.





d. Classify all factors from Q2a and Q2b as biotic or abiotic factors.

Stretch activity

Some students are researching the biodiversity of a field that contains a large oak tree. They have hypothesised that there will be fewer plants growing in the area around the tree than anywhere else in the field. Suggest a method for them to test their hypothesis and suggest a reason for their hypothesis.

