

# Predator-prey relationships

## Task A: Predators and prey

Help Sam sort the organism cards into a food chain diagram.



Sam



seal



algae



polar bear



cod



shrimp

Draw and label your food chain using some of the words from the box below.

predator	top producer	primary consumer	producer
secondary consumer	apex predator	tertiary consumer	
quaternary consumer	top consumer	model	prey

## Task B: Changing populations

Muskox live in Alaska. They have a pungent, musky smell. There were once many muskox. However, they were hunted, almost to extinction, between 1900 and 1930 for their hide, meat and as trophies.



Regulations on hunting have been in place which has helped to conserve the species. However they are not back to the numbers seen before 1900.

1. Sketch a graph that shows the population of muskox from 1880 to today.
2. Label the graph to show when hunting began and when conservation work has taken place.
3. Label your axes clearly.

