

Biodiversity is good for the economy.

Cut out the cards and arrange them in order to show the chain of events that led to a loss of biodiversity and the loss of fishermen's jobs.

*Mark Scheme*

*If statement b follows a*

*(1 mark)*

*If statement c follows b*

*(1 mark)*

*If statement d follows c*

*(1 mark)*

*If statement e follows d*

*(1 mark)*

*If statement f follows e*

*(1 mark)*

A few decades ago, some fishermen campaigned for killing whales because they were threatening the fish supply and therefore the fishermen's jobs.

A chain of events eventually came full circle and led to a *loss* of jobs:

a) The massive reduction in the local whale population by the fishermen meant killer whales in the region moved to eating other animals such as seals;

b) As seal numbers fell, the killer whales targeted otters;

c) As otter numbers were fell dramatically, the sea urchins which otters usually ate increased greatly.

d) The sea urchins destroyed the kelp (seaweed) forests where many fish larvae (babies) were protected while they grew.

e) The exposed fish larvae were easy pickings for a variety of sea life; reducing the number of fish available.

f) Fishermen's livelihoods were destroyed.