

GUIDE SHEET

Complete the food chain diagram and answer the questions using the following facts:

- Phytoplankton are **producers**.
- Sharks are the **top predator**.
- Anchovies are the **keystone species**.
- Anchovies are **secondary consumers**.
- Zooplankton are the **primary consumers**.
- Mahi-mahi are the **prey** of sharks.
- Mahi-mahi **consume** jumbo flying squid.
- Chub mackerel occupy a **trophic level** between the jumbo flying squid and the anchovies.

Species

Chub mackerel



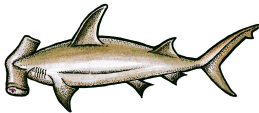
Zooplankton



Mahi mahi



Smooth hammerhead shark



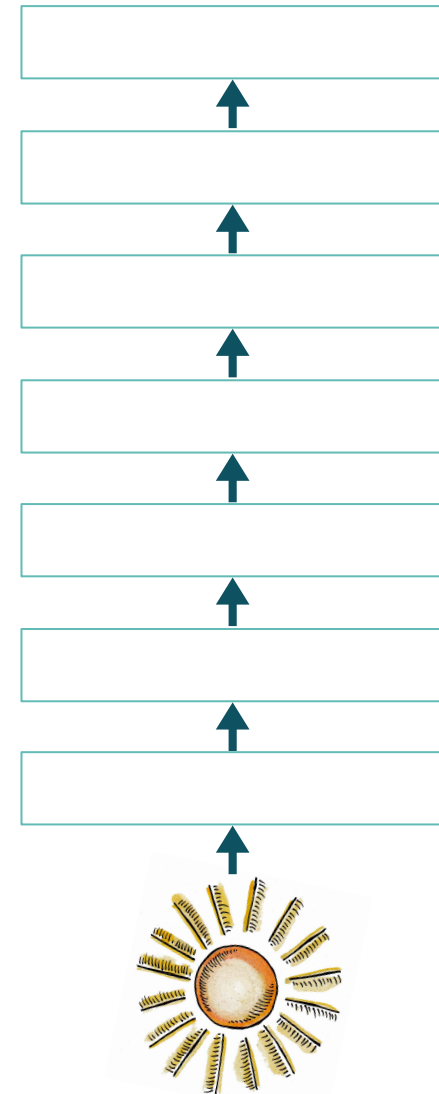
Phytoplankton



Peruvian anchovy



Jumbo flying squid



1. How many levels does the food chain present?
2. How many producers and consumers are?
3. Identify the primary and secondary consumers.

If _____ then
I predict that _____
because _____ .