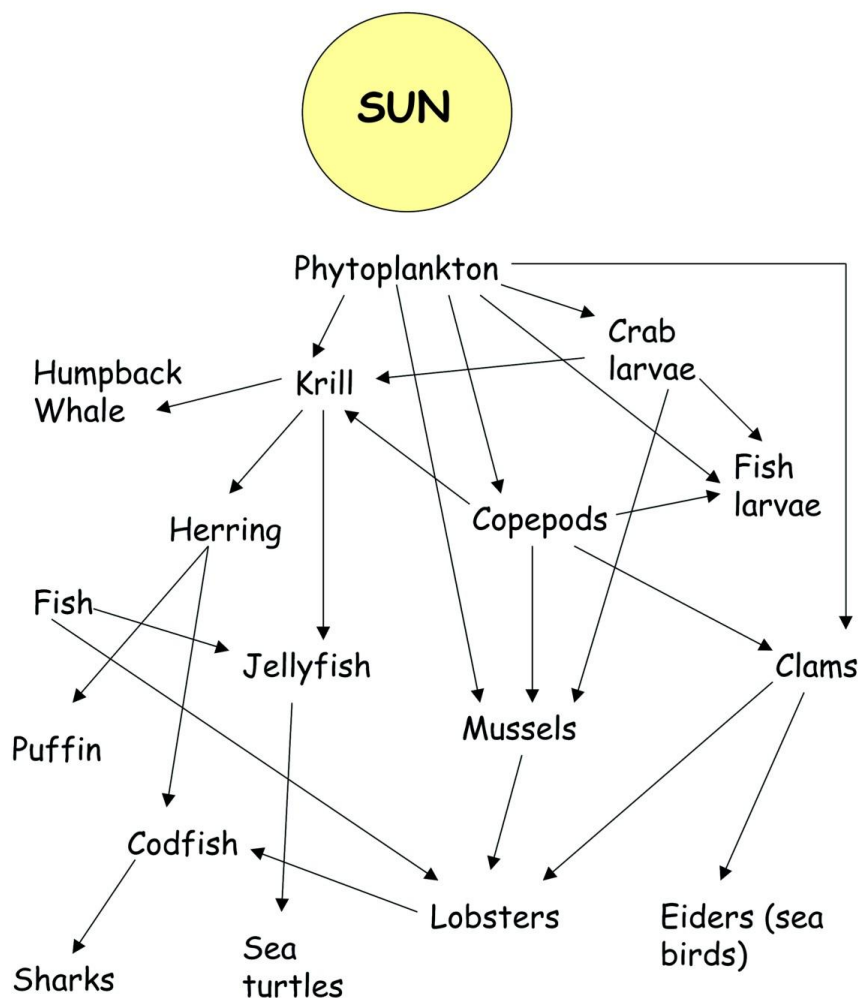


Food Webs and Pyramids

- Using the food web diagram answer the following questions:

Typical Ocean Food Web



- How many food chains are there in the food web?
- Pick one food chain. Draw its biomass pyramid and its pyramid of numbers.

3. How many organisms depend on copepods for their food?
4. What would be the impact on the food chain if the following scenarios took place:
- Forty mile long drift net affecting almost all fish population

 - Plastic rings from packs of cans affecting the Puffin and Eider population.

 - Herbicide spill killing important species of phytoplankton.
-
- List **all** the organisms which are:
 - 1. Producers**

 - 2. Primary consumers**

 - 3. Secondary consumers**

 - 4. Tertiary consumers**

 - 5. Quaternary consumers**
-
- Which of the following food chains is more efficient? Why?
 - A** Phytoplankton – Zooplankton – Basking Shark
 - B** Phytoplankton – Zooplankton – Fish – Sea Lion – Killer Whale