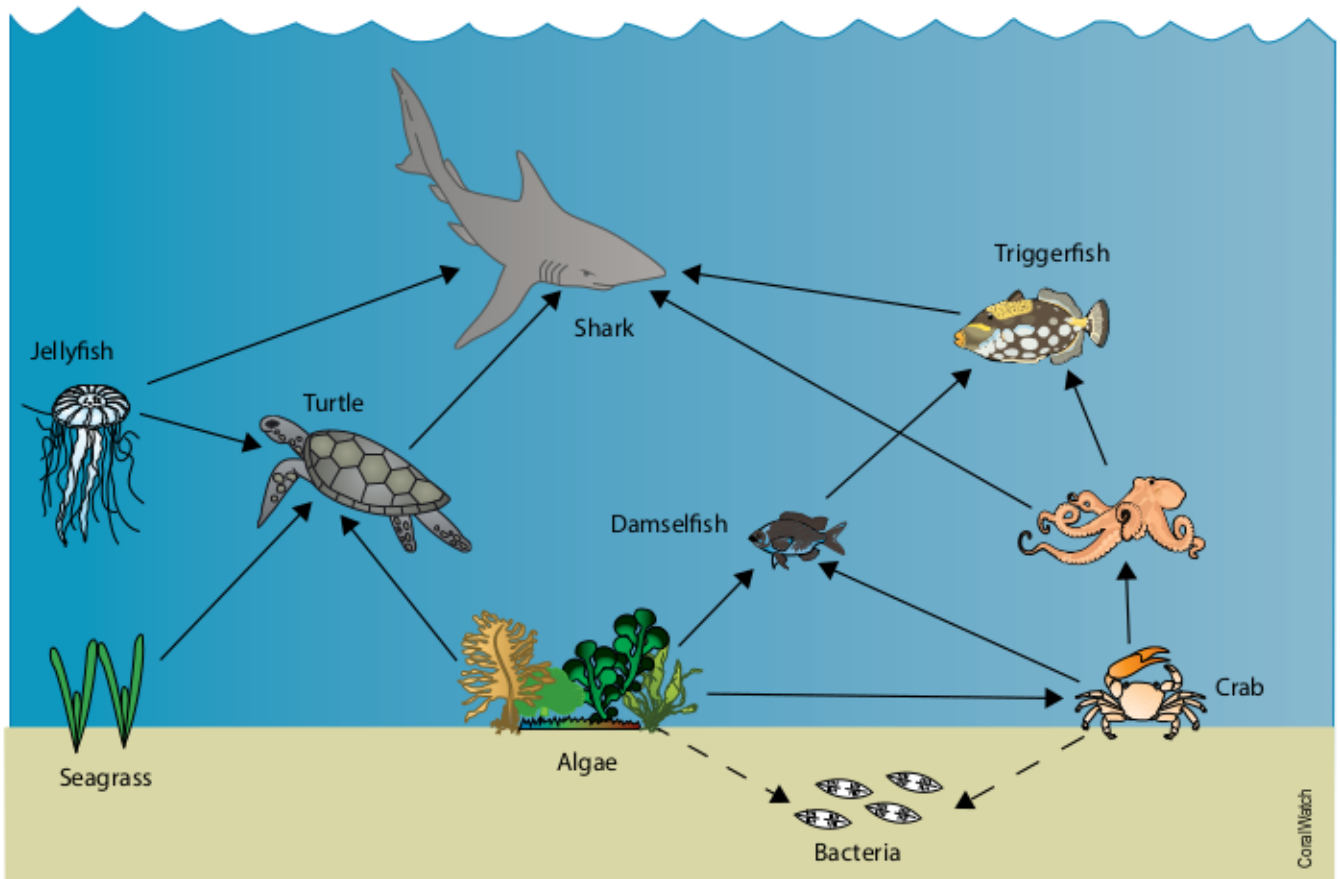


Marine food webs



Every living thing is eaten by something in marine ecosystems. Smaller prey is consumed by larger predators, until they, in turn succumb to injury or disease, and are recycled on the sea floor. Removal of any link in these chains will affect the pattern of the entire food web.

Instructions

Using the food web and the legend:

1. Identify and list the producers.
2. Identify and list the primary consumers.
3. Identify and list the secondary consumers.
4. Identify the decomposer.
5. Draw 2 food chains from the food web.
6. How would the organisms be affected if the sharks were completely removed from the system due to fishing?
7. List organisms that you might see when walking along at low tide on a coral reef. See if you can produce a food web based on this list. What is the producer? What is the highest level consumer?