



Figure 14.5 A food web, illustrating the major trophic relationships leading to an adult herring. The arrows show the direction of energy flow.

Oceans 11-Marine Food Web Analysis

- Colour all the producers green, colour all the primary consumers orange and higher level consumers blue.

Using the food web provided answer the following questions:

- 1) Identify the producers on this food web.
- 2) Identify a primary consumer.
- 3) Who is the top carnivore?
- 4) Create three different food chains from this food web. Please use arrows to indicate the transfer of energy.
- 5) If some environmental factors drastically decreased the Barnacle larvae population identify two affects that could have on this food web.