

## Toxic and Harmful Algal Blooms *“A Missing Link”*

Now let's take a closer look at the food web you created. What would happen if you removed one of the organisms from the food web? Are there other organisms that could take its place? How would the organism's predators/grazers respond? How would the organism's prey/food respond? Let's start at the top and try a few scenarios:

1) What would you hypothesize might happen to the other organisms in the web, if killer whales went extinct?

2) What might happen if we exhausted the fishery (through over fishing), and fish were no longer a component of our food web?

3) What might happen if we removed the algae from the food web?

4) Which scenario above affected the most organisms?

5) What does this tell you about the importance of the base of the food web?