

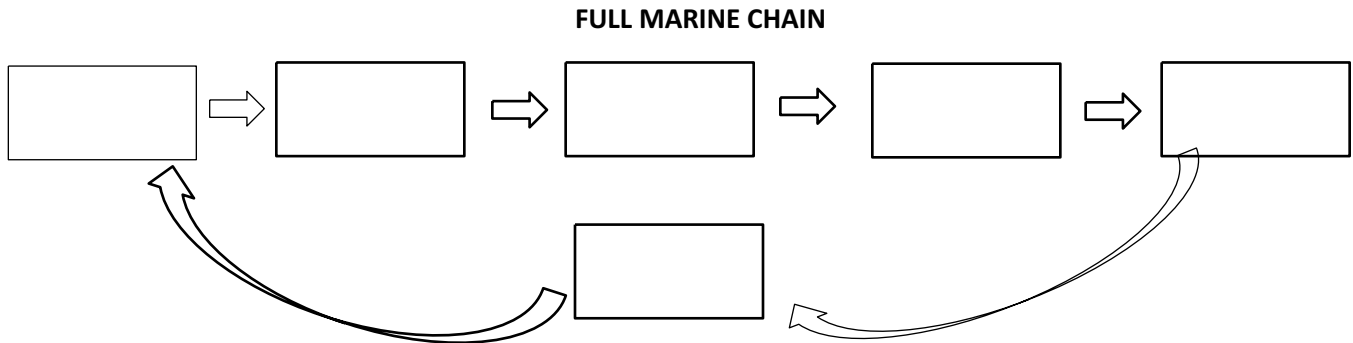
# Part 1

<http://www.sheppardsoftware.com/content/animals/kidscorner/games/foodchaingame.swf>

## FOOD CHAIN GAME

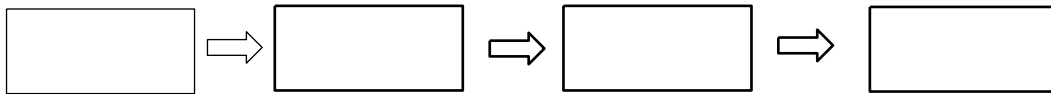
Complete the practice food chains.

Fill in the food chain organisms for **number 6**:



[http://www.iknowthat.com/ScienceIllustrations/foodchains/science\\_desk.swf](http://www.iknowthat.com/ScienceIllustrations/foodchains/science_desk.swf)

Write one of the food chains you made here (circle the ecosystem name-- Ocean, Pond, Savannah, Desert, Taiga):



# Part 2

[https://ecokids.ca/swf-files/gamesPage/chain\\_reaction.swf](https://ecokids.ca/swf-files/gamesPage/chain_reaction.swf)

## CHAIN REACTION

After you completed the Northern Food Chain, remove an organism by clicking on the arctic cod. Answer the following questions about the impact to the other organisms:

- What will happen to the shrimp? \_\_\_\_\_
- What will happen to the algae? \_\_\_\_\_
- What will happen to the ringed seals? \_\_\_\_\_
- What will happen to the polar bears? \_\_\_\_\_

After you completed the forest food chain, remove an organism by clicking on the frog. Answer the following questions about the impact to the other organisms:

- What will happen to the grasshoppers? \_\_\_\_\_
- What will happen to the grass? \_\_\_\_\_
- What will happen to the snakes? \_\_\_\_\_
- What will happen to the owls? \_\_\_\_\_

## *Part 3*

<https://www.brainpop.com/games/foodfight/>

### **FOOD FIGHT!**

Play one practice round before answering questions:

Round 2:

Player 1 Animal: \_\_\_\_\_

Player 2 Animal: \_\_\_\_\_

Final Score: \_\_\_\_\_

Further Thought (bottom of screen on final score page):

---

---

## *Part 4*

<http://biomanbio.com/GamesandLabs/EcoGames/ecodetectives%20peril%20river.html>

Eco-Detectives: Peril River

Based on the graph, what has happened to species abundance and diversity? \_\_\_\_\_

Water Quality: Average dissolved oxygen site 1: \_\_\_\_\_ Average dissolved oxygen site 6: \_\_\_\_\_

What can you conclude about dissolved oxygen in the Peril River Watershed? \_\_\_\_\_

How does dissolved oxygen affect living organisms in the river? \_\_\_\_\_

### **Choose your mission: Investigate and Experiment**

*Conclusion: What is causing the problems in the Peril River area?*

---

---