

Names _____

Fishing Game --- Can you be a successful fisherman while preserving the common fishing grounds for everyone?

Background

In this game, you take on the role as the owner and captain of an independent fishing boat. You will fish for X rounds and see what is the most you can earn from your business. You will also be able to make decisions about taking out loans, investing in new equipment, and making agreements with other fishing captains about how many fish to catch. There are several sources of information to help you make these decisions, including market reports on your part of fishing industry, a business advisor, and news bulletins that inform you on how your business is doing and how the fish resources on which your business depends, are being affected.

Starting the Game

The first screen you see will allow you to name your captain. You can choose any name you want as long as it is 20 characters or less.

Choosing the Competition

In the Choose Captains screen you can decide how much competition you want from your rival captains. Select all rival captains as **Independent**.

How might independent captains differ from flexible and cooperative captains? _____

Visit the Boatyard

Describe how the following items will improve your ability to fish:

Navigational Charts _____

The Fish Finder _____

The Enhanced Fish Finder _____

The Improved Engine _____

Larger boats _____

Visit the Fisherman's Association

The Fisherman's Association Window is where you can attempt to make a deal with the other Captains.

Set this to NO LIMITS!!

The Business Advisor

The Business Advisor Window is where you can get detailed information about your expenses and income, as well as the option getting or paying off a loan. In the very first round, you will not have any expenses, and no income either, unless you decide to get a loan right away.

Your expenses will be depend on several things, including the kind of boat you have (large boats are more expensive to maintain) how much fuel you use, and whether you have a loan or not. If you do not catch enough fish to cover your expenses, you may have a negative balance. Your creditors will not allow you to put to sea without paying all your bills, so you may have to stake out a loan or sell equipment, until you do not owe any more money. If you can't pay all your bills, you will be forced to go out of business and the game will end.

Let's go fishing!

Remember to double click to open your nets, and you can unload your catch when you are full at the dock to get a second fishing trip in, good luck!

After you are finished please answer the following reflection questions:

1. How did the following market trends change from round to round and why?

Fish Catch _____

Income _____

Fish Pop. _____

2. How did the competing captains do in their fishing?

3. How does this activity reflect the tragedy of the commons from our activity earlier this year?

4. Fishing Game 2

Change all captains to cooperative, how do your results from above differ from game 1?

5. Distinguish among trawling, purseine, longlining, and drift net methods for harvesting fish?

6. Describe trends in the world's total fish catch and per capita fish catch since 1950, and explain why the per capita is expected to decline?

7. Distinguish between fish farming and fish ranching, what are the pros and cons of aquaculture?

