

Bozeman AP Environmental Science | Big Idea #4 - Land & Water Use
020 - Fishing

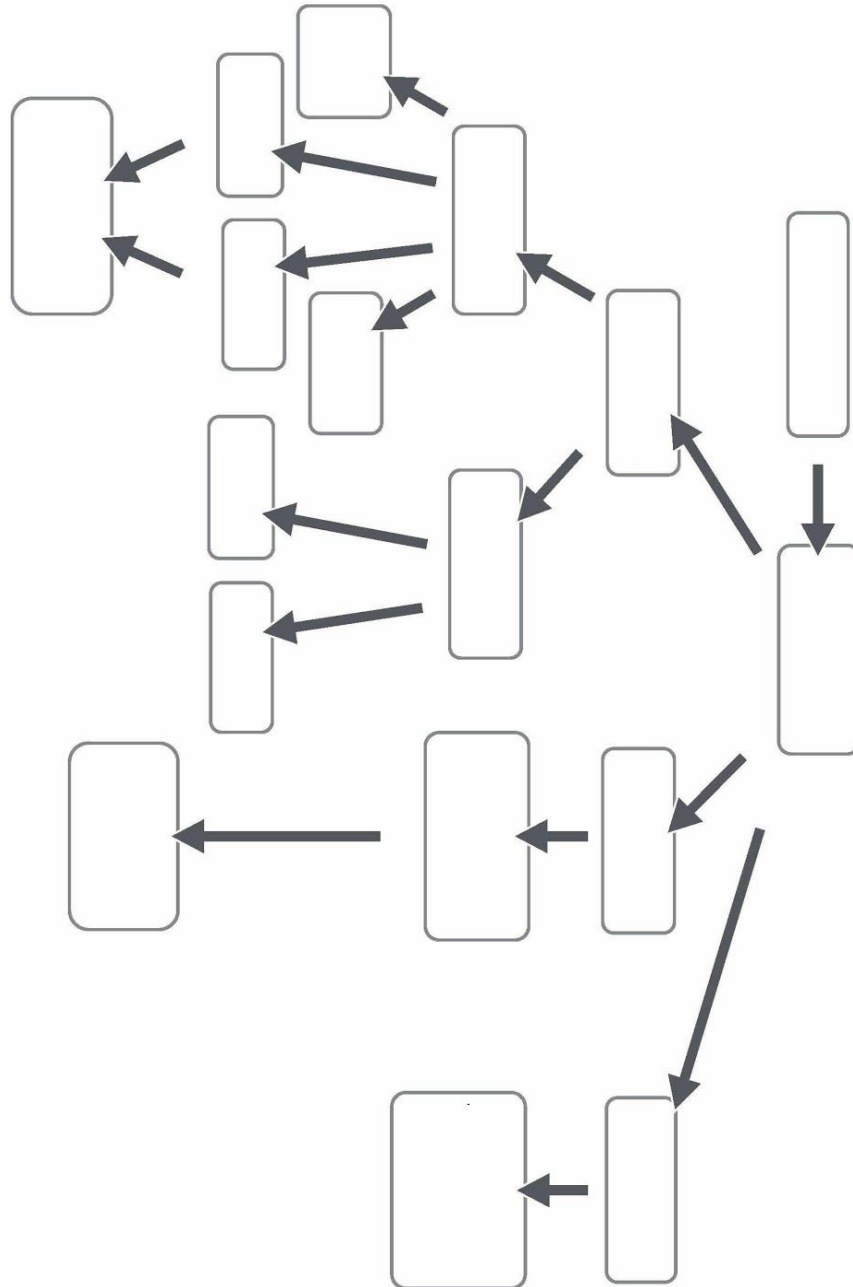
Name: _____ Block/Period: ____ Date: _____

Students: It is recommended that you watch the video with subtitles ON; be prepared to pause and rewind. The video is ~10 minutes long, but this worksheet will take you around ~30 to 35 minutes to complete. There will be a review / discussion afterwards requiring you to record corrections AND summarize additional material / information.

Description (-½ point for each time the rubric is not followed)	Point Value
Each question has been answered	0 ½ 1
Each question has been answered in a full sentence	0 ½ 1
Each answer has avoided 'it' or 'they' statements, by being clear on the topic of the answer	0 ½ 1
<i>Review:</i> Answers that were incorrect are corrected, <i>in a different color</i>	0 ½ 1
<i>Discussion:</i> 2 OR more <i>summary</i> statements of the additional material / information, <i>in a different color</i>	0 ½ 1
Score:	_____ / 5



1. Listen to Mr. Anderson describe the various parts of the concept map, and pause after he reveals a new word, and filling in that word.

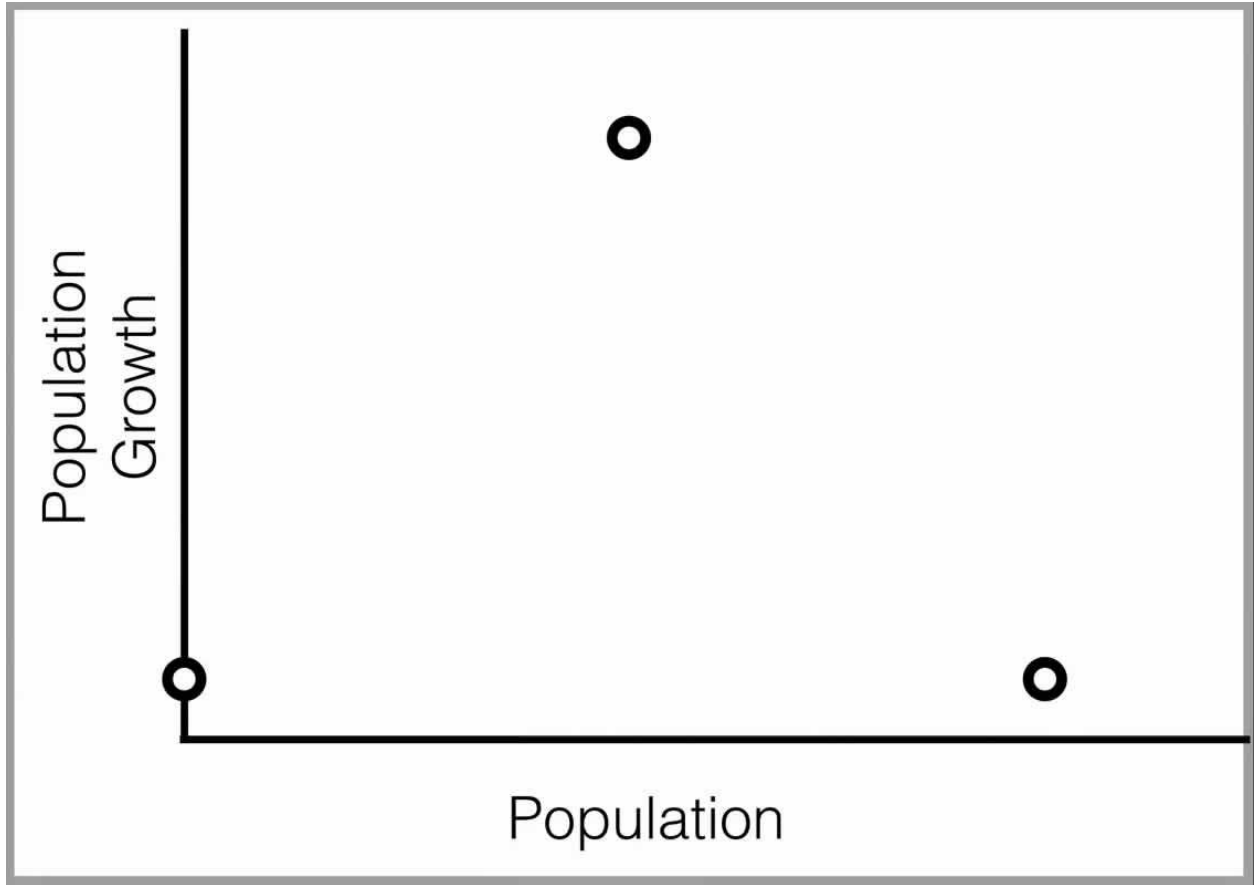


2. **Analyze** why Commercial Fishing has a much higher impact on the environment than traditional fishing techniques.

3. **Explain** what happened with the North Atlantic Cod, **compare** Canada vs everyone else.



4. **Fill-in** the Population vs Population Growth graph below, and answer the following questions about the graph. (use color)



5. (refer to the graph) **Describe** what happens when you fish the *same* amount of fish as the red line.

6. (refer to the graph) **Describe** what happens when you fish the *below* the red line.

7. (refer to the graph) **Describe** what happens when you fish the *above* the red line.

8. (refer to the graph) **Analyze** why the green arrows on the right side of the population curve are still considered sustainable.

9. **Define** Aquaculture.

10. **Describe** the Pros and Cons of Aquaculture.

Pro	Con

11. **Define** Total Allowable Catch (TAC).

12. **Define** Individual Transferable Quotas (ITQ).
