**Sustainable Seafood and Social Justice**

**Essential Question:** What is sustainable seafood and how is it related to social justice?

**Purpose:** To gain a deeper understanding of human impact on aquatic biodiversity.

**Criteria for Success:** Research, evaluate, and communicate information pertaining to the topic of sustainable seafood and social justice.

**Initial Ideas:**

1. What are some of the environmental impacts of fisheries?
2. What are sustainable methods of fishing?
3. What are benefits and drawbacks of farmed fish?
4. How can you determine if the fish you eat was caught or farmed sustainably?

**Directions:** Your group will be given one of the following research topics to learn more about, evaluate, and communicate to the whole class. You will be given a list of questions to research. Create a Google Slides presentation (7-10 slides) to report back to the class.

Your slides should include:

* A title with the topic and group members names
* Thorough researched information for all questions
* Statistics and data should be cited with a reference
* A list of references used (at least three) on the last slide

**Research Topics**

Washington Department of Fish and Wildlife

Farmed fish

Farmed shellfish

By-catch

Social justice related to seafood

Consuming sustainable seafood

**Topic:** Washington Department of Fish and Wildlife (WDFW)

1. What is there mission?
2. What are examples of the management issues that WDFW deal with?
3. How is WDFW related to fisheries?
4. What kind of information/services do WDFW provide the public?
5. What are ways in which WDFW contribute to sustainable seafood?
6. What job opportunities exist with WDFW?

**Topic:** Farmed Fish

1. What kinds of fish are commonly farmed in WA?
2. What are the different types of aquaculture farms?
3. What local fish farms exist in Whatcom County?
4. What are the benefits of farming fish?
5. What are the environmental, social, and economic impacts of farmed fish?
6. What are ways that farmed fish can be raised sustainably?

**Topic:** Farmed Shellfish

1. What kinds of fish are commonly farmed in WA?
2. What are the different types of aquaculture farms?
3. What local shellfish farms exist in Whatcom County?
4. What are the benefits of farming fish?
5. What are the environmental, social, and economic impacts of farmed fish?
6. What are ways that farmed fish can be raised sustainably?

**Topic:** By-Catch

1. What is by-catch?
2. What are the most common by-catch organisms?
3. What kind of current data exists on by-catch? Include some current statistics on by-catch that shows trends in various fisheries.
4. Which methods of fishing generate the most by catch versus the least?
5. What is commonly done with by-catch?
6. What type of mitigation is being done to reduce by-catch?

**Topic:** Social Justice related to Seafood

1. What is social justice and how is it related to seafood?
2. What percent of the world’s population relies on seafood as a main staple in their diet?
3. What are examples of social issues related to the seafood industry?
4. Where are social justice issues related to seafood most prevalent? Why?
5. How are social justice issues related to sustainability?
6. Is there a way to determine if seafood has been raised in a socially just way?

**Topic:** Consuming Sustainable Seafood

1. What is “sustainable seafood”?
2. What are examples of sustainably caught fish?
3. What are examples of sustainably raised fish?
4. What are some of the population trends of important commercial fish such as salmon?
5. What role does regulation play in maintaining pacific salmon populations?
6. Where are ways consumers can purchase seafood that has been caught/raised sustainably?