

Salmon: Running the Gauntlet

A “Nature” Video (available online)

Name:

Enie Perryman

Science 8A 8B

Due Date:

Learning Target	Developing	Proficiency	Mastery
I can describe ways in which humans have negatively and positively impacted Salmonids in the UDW and PNW.	Most associated questions (#1-5) answered with some detail	Associated questions (#1-4) answered completely and with details that demonstrate understanding	All associated questions (#1-4) answered with detail that shows deep thought and understanding
I can evaluate and propose solutions to benefit Salmonids and river health in the UDW and PNW.	Most associated questions (#6-9) answered with some detail	Associated questions (#5-9) answered completely and with details that demonstrate understanding	All associated questions (#5-9) answered with complete sentences and with detail that shows deep thought and understanding

1. List species of salmon talked about in the movie:

Sockeye, coho, chinook,

2. Summarize what has happened to Pacific Northwest salmon over the past 50 years. (More than a gist, but still a summary)

Salmon have been taken into hatchery so to try to resources their existence. Since we have taken them out of the rivers and used for whatever we wanted.

3. List people or groups of people affected by loss/decline of salmon runs – for each, describe their connection to salmon and the effect that loss of salmon has affected them.

Fish stations loss of job, warm springs and other Native Americans lose culture, finance etc.

4. List and explain ways that salmon contribute to river and terrestrial (land) ecosystems

They change the chemistry of the water, fuel the ecosystem; bears and other animals eat them, poop, and the trees absorb the nutrients. If the fish aren't in the rivers, the ecosystem doesn't survive.

UNDERSTANDING ISSUES AND PROPOSING SOLUTIONS:

5. How has the hatchery program hurt salmon? Think in terms of **actual effects** as well as how it has affected people's perception and therefore affected salmon.
All the birds are eating the salmon because they release the salmon at predictable time.

6. List and explain ways that humans are trying to help salmon recover and/or get past dams to the ocean and back.
Bring fish around to help them survive.

7. Describe one success in the salmon recovery effort.

They removed some dams that were preventing healthy habitats and reformed rivers to be windy and twisty.

The God squad made the dams spill in the migration time and the returning numbers changed from 3 to 13000.

8. How do dams impact salmon? As part of your description, use specific examples to justify your statements and describe the life stages of salmon that are affected.

Dams prevent salmon from getting through and when they do, they are immediately eaten by the birds waiting on the other side.

9. What do you think the solution is? What should we do? Feel free to discuss one or more parts to a solution.

We should regulate the dams less and let the salmon do what they usually do.