



Selective Palates and Killer Appetites Webquest Part B

IV. Read through the following to learn about Chinook Salmon

- [Salish Sea Chinook Salmon - U.S. EPA](#)
- [Chinook Salmon - Alaska Department of Fish and Game](#)
- [Chinook Salmon - Washington Department of Fish and Wildlife](#)
- [Chinook Salmon - NOAA Fisheries](#)

19. What is the scientific name of the Chinook salmon?

20. List three different traditional names for the Chinook salmon.

21. The Salish Sea is home to _____ different species of Pacific Salmonids.
List three:

22. What are some of the Chinook salmon's distinguishing characteristics?

23. Describe the terms *anadromous* and *semelparous*.

24. Why does Chinook salmon start with a capital C, but not coho salmon?

25. In 2010, what was the estimated population of Chinook salmon in the Pacific? Can you find a more recent estimate (*conduct your own research and see what you find!*)?

26. In what year were the Puget Sound Chinook salmon listed as a threatened species under the U.S. Endangered Species Act?

27. Why are salmon so important to the ecosystem? Describe the energy transfer between trophic levels (i.e. levels of a food-web).

28. What are the factors that are influencing the decline of this population?

29. Of the five “things you can do” which one do you think you are willing to do? Do you have other ideas?

V. Next, read these articles to learn of Chinook salmon’s connection to Killer Whales. Use the figures and data to make conjectures.

- [Southern Resident Killer Whales and West Coast Chinook Salmon](#)
- [Saving the Southern Residents: NOAA Arcgis Cascades](#)
- [Center for Whale Research](#)

30. What do the articles say about the status of various Chinook salmon populations? Compare and contrast the state of the various Chinook salmon stocks and discuss each of their population trends.

31. How much salmon *per day* do the Southern Resident killer whales need to eat in order to maintain their dietary needs? What are your thoughts about this amount?