

SCIENCE: Salmon Life Cycle

Name: _____

Watch these two videos about the Salmon Life Cycle:

<https://www.youtube.com/watch?v=qV30UZ9aF04>

<https://www.youtube.com/watch?v=nkXthUsnRz4>

These questions can be answered by watching the video:

The Epic Journey - Follow a Salmon from Egg to Spawner

STAGE 1

The _____ is the first stage of life for a salmon.

How many eggs does a female sockeye salmon lay? _____

What are some of the dangers faced at this stage of life?

What are the four things that make the ideal habitat for the eggs?

- | | |
|----|----|
| 1. | 2. |
| 3. | 4. |

STAGE 2

What hatches out of a salmon egg? _____

Where does this larval fish get its food? _____

Of the 4,000 eggs, about how many alevin survive? _____

STAGE 3

What does the alevin become? _____

About how many fish survive this stage? _____

Stage 4

After a year the fry becomes a _____.

As it grows and develops at this point, what is the smolt preparing for?

What is the survival rate for the smolt? _____

Stage 5

The smolt becomes an _____ salmon.

What are some of the predators and dangers the adult salmon face?

How long do the adult salmon stay in the open ocean?

What is the ideal water temperature for an adult salmon migrating back up river to spawn? _____ The video gives the temperature in celsius. Look up the Fahrenheit equivalent. _____

STAGE 6

What is the final stage of life for a salmon? _____

How do these fish find their way back to their home spawning grounds?

Of the 4000 eggs laid, about how many spawners will make it back home to spawn? _____

Explain why the females dig a redd in the bottom of the riverbed?

What happens to the female and male salmon after they lay and fertilize their eggs? And even though sad, why is this end not a bad thing?

Final Activity:

Using the *Salmon Life Cycle Frames*, draw a colorful picture of each of the 6 stages of the salmon life cycle. Start with the eggs at the center top and go around in a circle clockwise. You can use crayons, markers, or color pencils for your drawings.