

Fish Pass

Date:

Name:

Class:



Task 1 – Using the words and numbers in the list below, **fill in the gaps** in the following sentences

Fish ~ waterways ~ machines ~ ecosystems ~ wildlife ~ polluting ~ landscapes ~ 1760-1840 ~ factories ~ waste ~ healthy



- A **healthy** river ecosystem is home to plants and **wildlife** from plankton to **fish** to river birds, amphibians and even mammals.
- Between **1760 - 1840** the industrial revolution saw the invention of **machines** that made manufacture quicker and easier. To house these, many **factories** were built.
- These were often built next to **waterways** as they were ideal for transportation. Canals were built to service the factories, changing the course of rivers and **landscapes**.
- Unfortunately, **waste** from factories often ended up in the canals and rivers, **polluting** the water, killing fish and destroying **ecosystems**.

Task 2 - To help these fish migrate, **use arrows** to match each **site description** below with the **type of fish pass** that you think would be best suited...

A wide river weir used by a **large number** of **different species** of fish



A Scottish river where **salmon** need to access their **spawning territories**



A **fast moving** Thames weir with a **2 metre** height change and limited space



A large, **high** dam on a river that is home to **many migrating** fish



Baffle pass



Vertical slot pass



Fish lift



Pool and weir pass



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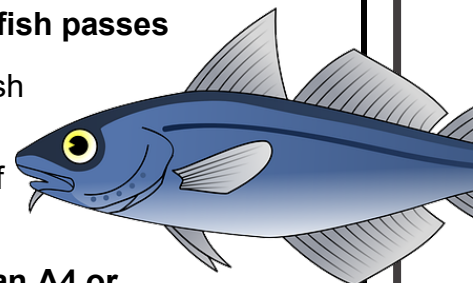


Task 3 – Freedom of movement....

The Osney community has been getting creative to celebrate all the wildlife on their waterway.

Using this to **inspire** you, **design a poster to explain the benefit of fish passes**

- Make sure you highlight the problems that barriers create for fish
- Illustrate how a fish pass helps fish move upstream
- Show how fish and other species benefit from the installation of a fish pass



You can experiment with ideas in the space below and then use an A4 or A3 sheet for your final poster