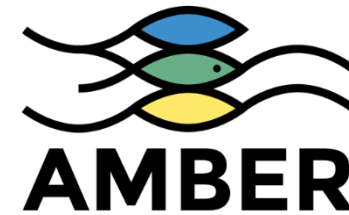




Universidad de Oviedo
Universidá d'Uviéu
University of Oviedo



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 689682.

Fish Gymkhana

Think like a fish in a fragmented river

Sara Fernández
Laura Clusa
Elena Arboleya
Laura Miralles

© AMBER Education Materials

First played in World Fishing Migration Day (Rioseco, Spain, May 2016)

Why migratory fish are important for us

Food



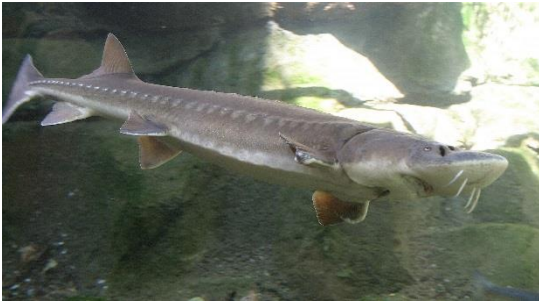
Fishing



Nature



Migratory fish you already know



Identifying:

Salmon, sturgeon, sea trout, European sea bass, lamprey, European eel...

Migratory fish species

E.g. Atlantic Salmon



▲ Principales rutas migratorias del salmón atlántico

Great distances in the Ocean

From sea to rivers...



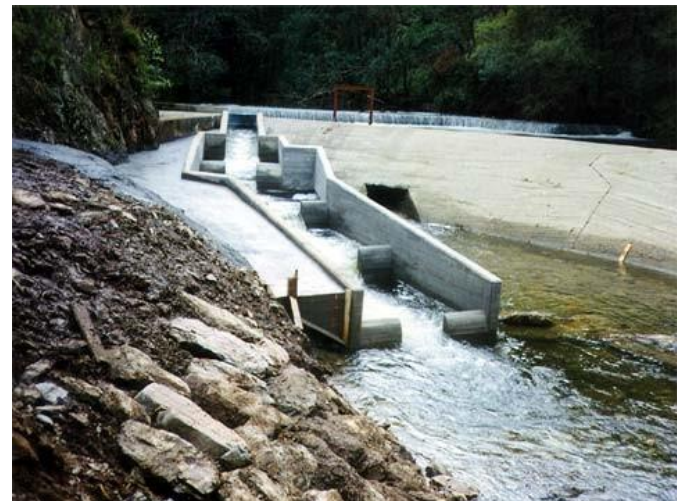
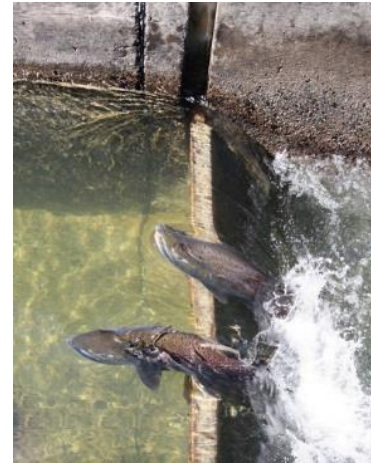
When they return to the river...they find barriers

- 🐟 Dams, reservoirs: water and energy supply.
- 🐟 In Spain: we have more than 1200 reservoirs and dams!
- 🐟 Asturias: 20 dams
- 🐟 Upper Nalon River: 'Tanes' and 'Rioseco.'

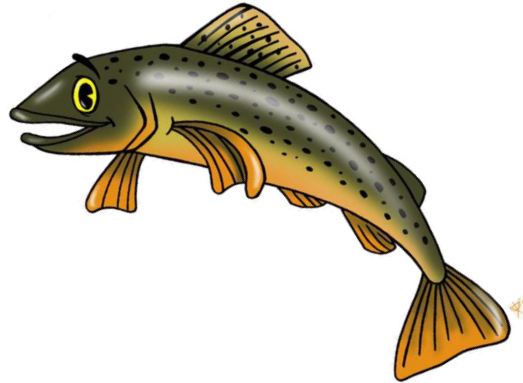


But...are all of them impassable?

Trout: jumps obstacles up to 1 m high
Salmon: between 4-5 m... no higher



Lets think like a migratory fish to understand how difficult is migrating in a fragmented river!



Following clues and solving mysteries,
we are going to live one hour from a fish's perspective



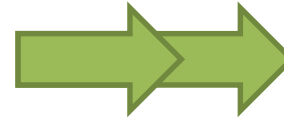
Materials: a MAP with the route



Materials: Signs code



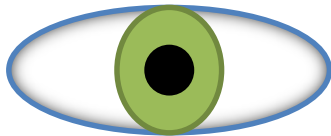
Right direction



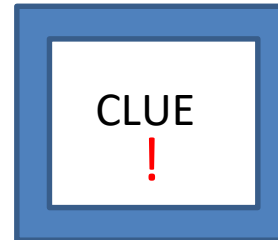
Hurry up!



Wrong direction



Observe surroundings



Find the clue
and solve it!



Wait for 5 minutes



FINISH
LINE

Materials: Quiz



Materials: Clues



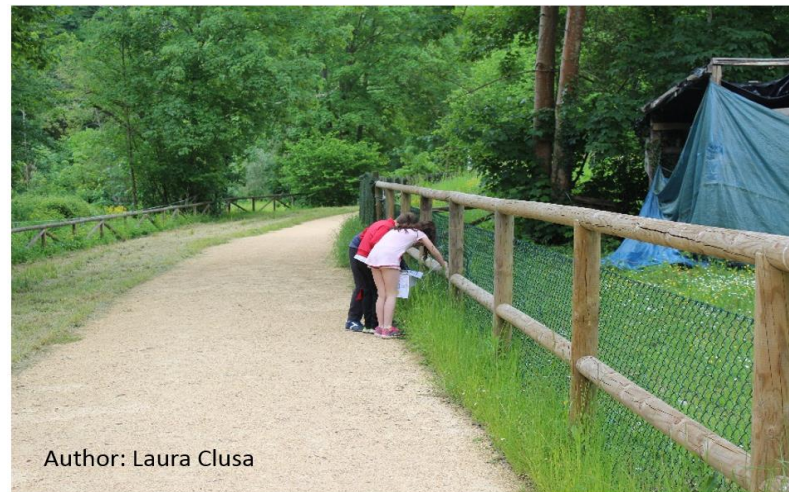
Author: Laura Clusa



Author: Laura Clusa



Author: Laura Clusa



Author: Laura Clusa

Let's play *The Fish Gymkhana*!

