

Lesson 3

Bradán tells her story



EXPERIMENT

Oxygen in Water

AIM

The purpose of this experiment is to help pupils understand the importance of good-quality gravel for salmon eggs in the spawning area of a river.

YOU WILL NEED

- 3 Plastic Drink Bottles with the tops of the bottle cut off
- Water
- A Measuring Jug
- Very fine gravel
- A collection of small and medium sized stones

METHOD

- 1 First, label the plastic drinks bottles 1, 2, and 3
- 2 Mark a water line on each of the bottles. Mark the bottles with a gravel line below the water line.
- 3 Put the very fine gravel into Bottle 1. Put the small sized stones into Bottle 2. Lastly, put the medium sized stones into Bottle 3
- 4 Pour water into each of the bottles up to the water line.
- 5 Drain off the water and measure it using the measuring jug. Record your findings.

Experiment



EXPERIMENT **Oxygen in Water**

DISCUSSION

Discuss the differences in water levels between each bottle and how this would effect salmon eggs and spawning in a river.