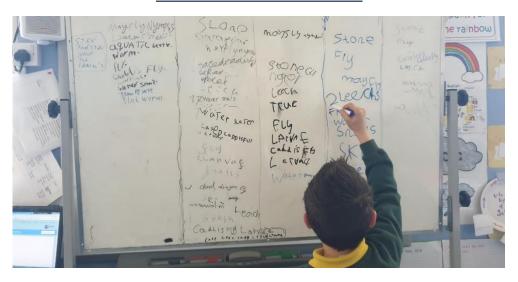
Living Tweed Sessions

"Living Tweed" sessions are aimed at primary school age groups, giving children the opportunity to experience first-hand some of the abundance of life in our rivers. There are two general lesson plans, one focussing on the Tweed's fish species' while the other focusses on the Tweed's invertebrates. However, both lesson plans are very flexible and other topics can be covered in more detail, allowing teachers to discuss with the Tweed Foundation what topics they would like covered in either session so that bespoke lesson plans can be created for each participating class. The sessions can be as follows.

The Tweed's Invertebrates



Invertebrates are of vital importance in our rivers. They not only break down organic matter, helping to keep our rivers clean, but they are a crucial component in the Tweed's ecosystem as a food source for many organisms. They can even be used to assess levels of pollution within our rivers!

The Tweed Foundation's 'Tweed Invertebrates' allows children to carry out kick sampling for invertebrates in their local river before looking at what they have found. The children can then identify the invertebrates before using their samples to check how clean the water is, carry out their own pollution score tests. Topics covered can include:

- The River Tweed catchment
- Use of biological keys for invertebrate identification.
- Life cycles.
- Kick sampling for invertebrates.
- Food chains and webs and why invertebrates are important.
- What makes a healthy river?
- Requirements for clean water.
- Possible sources of pollution in the river.
- Habitats in and around the river.
- The water cycle.

Suitable for Primary 1 – 7 and KS1&2. Areas of the curriculum covered can include Maths, Geography, Science and Health and Wellbeing.

The Tweed Foundation is a charitable trust working to conserve and enhance fish stocks and their natural environment throughout the River Tweed catchment. Education plays a crucial role in this, with the Tweed Foundation's new education programme, 'Go Wild For Fish', offering a range of educational activities on river conservation and freshwater fish.

The Tweed's Fish





The River Tweed is home for several different fish species, from the small baggie (minnow) to the much larger Atlantic salmon. The Tweed Foundation's 'Tweed Fish' session gives children the chance to see some of these fish up close. The children will get an electrofishing demonstration before using keys to identify each fish species, learn about their respective life cycles and the roles that different species' play in the river. Topics covered can include:

- The River Tweed catchment
- Use of biological keys for fish identification.
- Why fish are important.
- The challenges fish face in our rivers.
- Food chains and food webs.
- What makes a healthy river?
- Electrofishing demonstration.
- Habitats in and around the river.
- Fish anatomy.
- The water cycle.



Suitable for Primary 1-7 and KS1&2. Areas of the curriculum covered can include Maths, Geography, Science and Health and Wellbeing

The sessions are aimed at lasting between 1.5 - 2hrs and can be carried out either in the classroom or at a suitable location by the river. Getting classes down to the river is always great but this is dependent on health and safety, proximity to a suitable, safe location and weather conditions, all of which can be discussed.

If you would be interested in either (or both) of these sessions for your school or class, then please do get in touch with the Tweed Foundation.

The Tweed Foundation Tel: 01896 848271 Email: pbarbour@tweedfoundation.org.uk

The Tweed Foundation is a charitable trust working to conserve and enhance fish stocks and their natural environment throughout the River Tweed catchment. Education plays a crucial role in this, with the Tweed Foundation's new education programme, 'Go Wild For Fish', offering a range of educational activities on river conservation and freshwater fish.