



# Clyde in the Classroom Newsletter 2022

## HELLO!

We are delighted to report that over 2500 pupils successfully completed Clyde in the Classroom in our 22nd year of running the project. Schools spanning all eight counties participated in this stewardship-building project between January and March 2022. To date, over 35,000 pupils have been inspired to become budding scientists!

Dr William Yeomans, Catchment Manager at the **Clyde River Foundation** said "After the uncertainties of 2021, Clyde in the Classroom was back with a bang in 2022. With the support of our partners at the Glasgow Science Centre, we were able to have six brilliant Covid-compliant launch days. The delivery of the main part of the project by our Clyde River Foundation team to 102 classes in 86 schools was a welcome return to normality for us all!"

A big thank you to everyone who took part - we hope you enjoy some highlights from 2022!



Primary School pupils egg-cited to see their Brown trout eggs up close for the first time!

## THE JOURNEY BEGINS...

In January, pupils met the Clyde River Foundation scientists at the **Glasgow Science Centre** for an in-person introduction to the project.



They were introduced to their soon-to-be classmate, the brown trout and its fascinating life cycle.

They learned about the ecology of the River Clyde and how to look after their brown trout hatchery. They also had the opportunity to explore the Science Mall!



## TEACHERS' VIEWS

"All of the children have a deeper understanding of the importance of looking after our environment and all of the wildlife in it. They showed their compassionate and caring sides, and fully understood the need to ensure that our trout were consistently cared for. They learned a lot about being responsible and doing their best to save our planet too." Aultmore Park Primary

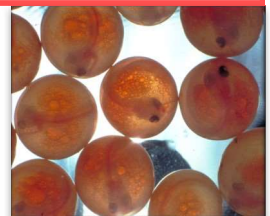
"I liked the 'living' aspect best - real living things. The sense of responsibility we all felt. We were so proud to take part. A fantastic project that I can't recommend enough. The children were so motivated, it was a special project to be involved in. Our release afternoon was very special and lots of memories were made! Two school trips - these children had never been on a trip due to Covid. It was wonderful to facilitate the project for them. Davie was a great support. The children loved him! (and the fish!)" Law Primary

"CITC really helped with explanation writing. The children enjoyed writing about the life cycle of the brown trout. This can be a difficult genre of writing for children but the hands on experience made it much easier. It also helped with the children's listening and talking skills as they presented to the whole school and shared their knowledge. Many science outcomes were also covered." St Conval's Primary

"Clyde in the Classroom was particularly beneficial in engaging learners who are less interested in 'traditional' lesson styles and projects. Therefore, those individuals did really well in getting involved and taking responsibility for the fish. Children had jobs which changed weekly, ranging from changing the water to collecting any dead eggs. This helped to improve the attainment in the project." Newmains Primary



[www.clydeintheclassroom.com](http://www.clydeintheclassroom.com)





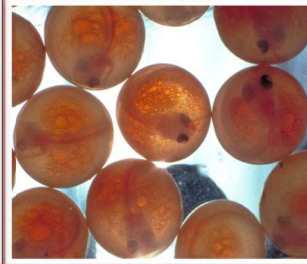
## EGGS-PRESS DELIVERY

After a trial of practising with a fish-free hatchery, it was time for the eggs!

They made their journey from Brow Well Fishery to schools in January. Each class received 200 brown trout eggs to care for in their hatcheries.



Dunard Primary seeing double—they had two hatcheries. One for each participating Primary 6 class ->



## ENTRUSTED WITH TROUT

Pupils were responsible for ensuring the conditions in the hatchery mimicked those of a healthy Scottish river while the fish developed in their artificial redd.

St Stephen's, Clydebank -> Primary 5 ensure their hatchery is very well cared for.



Just like in the wild, the water had to be **cool**, **clean** and **running**. From temperature control to removal of dead eggs, pupils worked round the clock to care for their fishy classmates.

<- Primary 6 from Broomhill were super -dedicated to nurturing their baby Brown trout.

We were very impressed to see such amazing dedication from this year's trout guardians! Pupils learnt about environmental issues and how they can be Future Stewards for their local rivers and surrounding areas.

## MARVELOUS MOVIE MAKERS

To celebrate the Foundation's recent involvement in COP26, which highlighted the need for **COLD, CLEAN WATER** to conserve our native fish communities, we invited all classes to create a film to tell others why this is important for trout and salmon in the Clyde. We were overwhelmed by the high quality entries that we received - a huge well done to everyone who entered!

This year's winners were **Oakgrove Primary**. They won a "Meet Your River" day for their class - the pupils had the opportunity to meet other species of fish in the River Kelvin. They also had the chance to take a kick-sample of invertebrates from the river, map the site and identify the trees. Back at school their classroom was transformed into a laboratory and by the end of the day they were able to tell at first hand how healthy their local river was. Congratulations!



Pupils enjoying their prize investigating the health of their local river

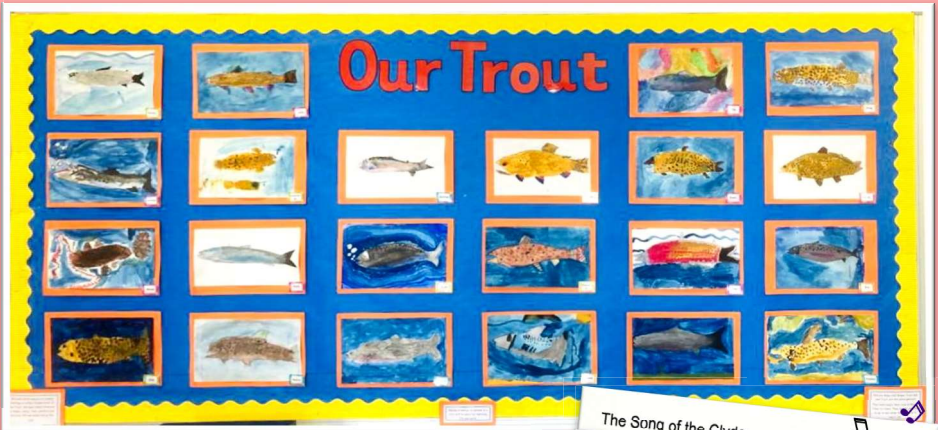


## CREATIVE FLOW

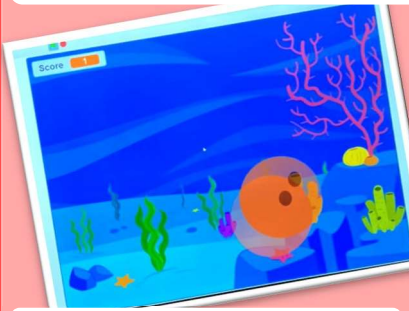
We're proud that **Clyde in the Classroom** inspires great interest and creativity in many other areas of the curriculum! Not just the science...



Primary 7 at Whiteinch got their brushes and pallets out to paint beautiful pictures of the Brown trout

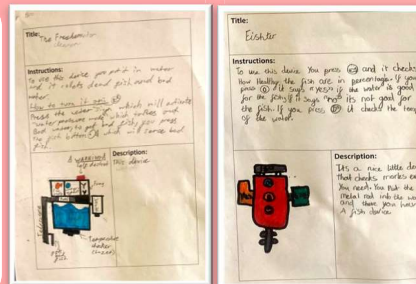


Underbank (amongst many others) got arty too! What a fin-tastic frieze!



Uplawmoor pupils made their own fishy game on "Scratch"

The "Freshwater Clearer" and the "Health Checker". New inventions designed and explained by Golfhill, Glasgow



**The Song of the Clyde**

Oh the river Clyde, the wonderful Clyde  
The name of it thrills me and fills me with pride  
And I'm satisfied whate'er may betide  
The sweetest of songs is the song of the Clyde

With Clyde in the Classroom we're happy to be  
They brought us some eggs and a trout hatchery  
We listened and learned and we've kept them in sight  
Watching each day to keep the temperature right.  
The eggs started hatching, the alevins they grew  
We showed other classes and told what we knew  
The day will soon come when we'll go with such pride  
To take the trout back to swim free in the Clyde.

We were delighted to hear Firpark pupils add an extra special verse to "The Song of the Clyde" and perform it in class



"The planning materials provided were cross referenced with Curriculum for Excellence Es and Os, which was very helpful. Numeracy & Maths: monitoring temperatures, pH levels and growth. Literacy & Language: talking and listening, creating texts. Arts: creating a display and drawing brown trout representations. Science: Understanding brown trout life cycle and river ecosystems. Social Science: mapping local area with regards to release location. B: Assess risks of handling the hatchery equipment and create rules to manage these risks." Lawmuir Primary

Colquhoun Park pupils worked in groups to make some well-known landmarks following the journey of the River Clyde - highlighting Glasgow's industrial past and bright cosmopolitan future!

## FRY FREEDOM

After preparing their trout for life in the wild, the children were excited to introduce the fry to their natural habitat!



By early spring the fish were ready to leave the classroom. The children took their brown trout fry to their local tributary of the River Clyde by foot, bus or underground train to set them free. Pupils were very proud to release their fish and keen to take better care of our rivers, especially if we spotted any litter at the river. It was great to see the next generation of Future Stewards so inspired!



## HOW DID WE SCORE?

This a summary of the Clyde in the Classroom 2022 teacher feedback

We review your comments and scores every year to enhance the project experience.

We'll be updating some of our teaching materials for 2023.

Thanks to all who contributed!



REPORT CARD	
PROJECT SUMMARY DOCUMENT	4.8
TEACHING MATERIALS	4.4
LECTURE ON RIVER CLYDE	4.7
LECTURE ON HATCHERY OPERATION	4.8
VISIT TO THE SCIENCE MALL	4.8
LAUNCH DAY OVERALL	4.6
SUPPORT FROM WEEKLY VISITING SCIENTIST	5.0
PROJECT SUPPORT AND EMERGENCY RESPONSE	4.9
RELEASE DAY	4.8
PROJECT OVERALL	4.7 /5

## PUPIL FEEDBACK

*"The whole experience is something I will never forget and it gave me more information on rivers and fish." – Aila , P7*

*"It was amazing how much they changed during the time we looked after them." Aultmore Park*

*"It was good to have it all shown on a big screen, IN A SCIENCE PLACE!" Meadowburn Primary*

*"It was fun, we got to go on two trips – one to the Science Centre and then to release the trout." Ibraheem, aged 11 years.*

*"I felt like a mother and felt very proud releasing the fish" – Ciara*

*"I learned that the eggs were very fragile. We had to make sure the temperature was right." Kurt, aged 10 years.*



## THANK YOU!

The Clyde River Foundation would like to extend a huge thank you to all of our participating schools and project supporters for making Clyde in the Classroom 2022 possible.

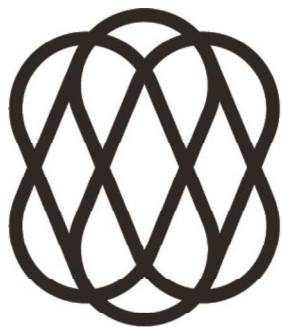
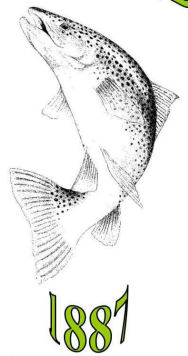
We are grateful to the main Clyde in the Classroom 2022 sponsor - **Crown Estate Scotland** - plus the following project supporters:

fishkelvin.com



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Oighreachd a' Chrùin Alba

GLASGOW  
SCIENCE  
CENTRE



Contact the Clyde River Foundation (Scottish Charity No. SC029602):

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