



# Forestry and Aquaculture

in STEM Week  
22 - 26 November 2021

## A Guide for Teachers

Forestry & Aquaculture in STEM Week in partnership with Lantra Scotland is a showcase of the unique people and careers in the Forestry and Aquaculture sectors.

You can access everything from our [Forestry & Aquaculture Week landing page](#).

## What's happening

For the week STEM Ambassadors have created a collection of resources including videos, blogs and careers profiles all providing an insight into the different jobs in forestry and aquaculture. Learn more about Scotland's Chief Forester, discover what's involved with being a *Timber Grower* or what it means to be an *Aquaculture Innovation Officer*.

### Videos

- Dan Wilson, Forest Manager, Tilhill
- Rebecca Weeks, Aquaculture Innovation Office, SAIC
- David Williams, Engineering Consultant / Timber Grower
- Julian Hollingdale, Certification & Development Manager, Tilhill
- Sarah Riddell, Director of Innovation and Engagement, SAIC

### Spotlights

- Helen McKay, Chief Forester for Scotland, Scottish Government
- Leila Eadie, GIS (Geographical Information Systems) & Technology Support Manager, Fountains Forestry
- Polly Douglas, Grant & Communications Manager, Deep Branch
- David Williams, Engineering Consultant / Timber Grower

## Other resources

- Video: Q&A about a career in trees and timber with Isla Campbell and Jim Smith
  - Video: Q&A about a career in trees & timber with Jack Burton and Jim Smith
  - Case study: Isla Campbell, Graduate Assistant Forest Manager, Scottish Woodlands Ltd
  - Aquaculture Careers Map Prezi
  - “A New Wave of Talent” Playlist
  - Video: A career in aquaculture with Harry Hamlin Wright
  - Video: A career in aquaculture with Joe Graham
  - Video: Shannon Graham, Mowi Scotland
- ... and more!

## Events

During the week we are hosting a special careers event for teachers, careers advisors, DYW School Coordinators, pupils 16+ and anyone else who supports learners to make careers choices.

### Forestry & Aquaculture STEM Week: Careers information session

Wednesday 24 November

Ideal for teachers, careers advisors and DYW School Coordinators to learn more about routes into and careers in Forestry and Aquaculture.

[More info](#)

### Forestry & Aquaculture STEM Week: Becoming a STEM Ambassador

Thursday 25 November

Do you work in forestry or aquaculture? Find out more about how you can join the STEM Ambassador Programme and engage others with the work you do

[More info](#)

# Competitions

We're very excited to launch the first forestry and aquaculture themed competitions for primary and secondary schools. There are amazing prizes on offer so a must to get involved.

Find out more about our competitions on the next page.



£50 Amazon voucher for the pupil with the winning entry, as well as £250 worth of STEM or educational kits for the school.



£30 Amazon voucher prize for pupil



£20 Amazon voucher prize for pupil



## Chief Forester's Challenge – Primary school competition

### Design your own treehouse

The treehouse needs to be made of timber and can be filled with lots of fantastic items and ideas that would make it the ideal spot for playing.

You will need to think about what timber or trees the house could be made from, and where the treehouse could be built/placed – is the treehouse in your favourite tree, such as one in your back garden or one you see walking to school?



## What does Aquaculture mean to Scotland? – Secondary school competition

A project-based competition for Secondary school pupils in Scotland.

Answer the question: What does aquaculture mean to Scotland?

Aquaculture is the fastest growing food-producing sector in the world, producing a healthy, nutritious, high-protein food. Aquaculture in Scotland is diverse, from the farming of salmon and other finfish species to the production of mussels and oysters and the harvesting of seaweed.

We'd like to see entries from across the curriculum about aquaculture and what it means to Scotland – business pupils could provide an entry on the economic importance of aquaculture to Scotland, science pupils could look at the STEM jobs roles available in the industry, etc. We have provided some more examples for teachers in the Practitioner's section.

More details, including T&Cs are available [here](#).

All submissions must be made by 14 January 2022 at 12 noon.

## Who is it for?

The event is perfect for learning more about careers in STEM generally as well as specific careers in research, innovation, forestry, and aquaculture. Resources available would be suitable for learners from Second Level to Higher.