

Seafood in Schools – Industry & Careers

Teacher Notes

Aim: This lesson will introduce the Scottish seafood sector and highlight career opportunities for pupils. Young people will have the opportunity to learn about potential opportunities within the industry while providing basic sector knowledge (exports, species etc.)

Curriculum Links (Mapping)	
<p>CfE <i>HWB 3-20a:</i> I am investigating different careers/occupations, ways of working, and learning and training paths. I am gaining experience that helps me recognise the relevance of my learning, skills and interests to my future life.</p> <p>Interdisciplinary Links – if using the lesson plan wider than Home Economics lessons: <i>SOC 3-18a:</i> I can explain how people in Scotland contribute to the economy, and identify key industries such as farming, fishing, and tourism. <i>SOC 3-17a:</i> I can describe the importance of Scotland’s natural resources and how they contribute to the global economy.</p>	
<p>Career Education Standard 3 – 18</p> <ul style="list-style-type: none"> • I can demonstrate and apply the skills I have learnt across the curriculum in relation to the world of work. • I can identify my interests, strengths and skills and use them to make informed choices. • I can access advice and support to help me make informed choices about further learning and opportunities. 	
<p>Learning Intentions Young people will:</p> <ul style="list-style-type: none"> • understand the importance of the Scottish seafood sector: learn about its role in Scotland's economy, exports, and the species involved in the industry. 	<p>Success Criteria Young people will be able to:</p> <ul style="list-style-type: none"> • explain key facts about the Scottish seafood sector. • identify different roles in the seafood industry that interest them.

<ul style="list-style-type: none"> • explore career opportunities within the seafood sector: understand the range of roles and career paths available in the industry. • develop awareness of how the seafood sector contributes to global trade: recognise the significance of Scottish seafood exports and how they are distributed worldwide. 	<ul style="list-style-type: none"> • reflect on personal interests and skills related to the sector.
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	Description	Resources	Time
1.	<p>Introduction – Discover the Scottish Seafood Industry</p> <p>Explain that the seafood industry is one of Scotland's most important sectors, playing a key role in both the national economy and local communities.</p> <p>Scotland is known for producing high-quality seafood, benefiting from its long coastline, clean waters, and sustainable fishing practices. This industry encompasses both wild-caught and farmed seafood and involves a wide range of activities from fishing, processing, to export.</p> <p>Use the <i>Key Scottish Seafood Species</i> resource to discuss the different fish and seafood landed in Scotland – what seafood have the pupils heard of or tasted before?</p>	<p><i>Industry & Careers</i> Presentation Slide 2 Slide 3</p> <p><i>Key Scottish Seafood Species</i></p> <p>Seafood Scotland website: https://www.seafoodscotland.org/</p>	
2.	<p>Discuss - Why Choose a Career in the Seafood Sector?</p> <p>From the waters surrounding Scotland to the tables of consumers worldwide, the journey of seafood involves a wide range of roles. These careers extend beyond fishing and processing to encompass numerous</p>	<p><i>Industry & Careers</i> Presentation Slide 4 Slide 5 Slide 6</p>	

	<p>activities contribute to getting seafood from the sea to your plate, or ready for export.</p> <p>For <i>Slide 6</i>, discuss the different roles with the pupils:</p> <ul style="list-style-type: none"> • Fishing and harvesting – skippers and crews operate vessels, whereas aquaculture farmers manage the fish • Processing – prepare the whole fish into fillets or items such as fishcakes or fish fingers • Logistics – organise the transport of seafood products to their destination e.g. retailers, restaurant or for exporting • Sales – promote seafood products worldwide, establishing connections with buyers and retailers • Food Technicians – create new seafood products for the market • Operations – handle the company finances and budgeting • Supporting (HR / IT / Marketing) – ensure staffing and digital systems are in place • Harbourside (Auctioneer / Engineers) – sell the seafood once landed and ensure the vessels are in good working condition <p>Ask learners if they can think of any other jobs which may exist in the future and which jobs they think may disappear. For example: will we always have seafood processors, or will these roles be fulfilled by robotics?</p>	<p><i>Seafood Ambassador videos:</i> In progress – link to follow</p>	
3.	<p>Activity – Seafood Career Profiles</p> <p>This activity is used as an opportunity for pupils to discuss some roles in the seafood industry in more detail – the skills the person would have to have in their role, etc. Below are some suggested questions to ask to generate discussion – allow the pupils to organise themselves into groups or use as a class-wide discussion:</p>	<p><i>Seafood Career Profile cards</i></p>	

	<ul style="list-style-type: none"> • What skills would a person need to do well in a career in the seafood industry? <ul style="list-style-type: none"> – Do they need practical skills, like working with machinery or handling seafood? – What kind of communication or teamwork skills might be important? • What kind of work environment might someone experience in a seafood career? <ul style="list-style-type: none"> – Would the work be in an office, on a fishing vessel, in a processing plant, or in a lab? • What might a typical day look like for someone working in the seafood industry? • What scientific or technological skills might be required in the seafood industry? 		
4.	Activity – Reflect on your learning from the presentation Using the worksheet, pupils should answer the questions drawn from information provided in the presentation – this will include facts and figures on the Scottish seafood industry, as well as encouraging the pupils to think about what careers they would be interested in.	Worksheet – Industry & Careers	
	Follow up In the next lesson in this series, Nutrition, pupils will explore the benefits of eating seafood, and the different tastes and textures of the species mentioned in this lesson.		

Additional Resources

Key Scottish Seafood Species – contact Seafood Scotland to request an A1 printed copy for your classroom.

Seafood Ambassadors

Consider connecting with a Seafood Ambassador to provide real-life context to your lesson and develop your pupils' career intentions.

Inviting an Ambassador into your school, classroom or online is FREE and starts something amazing – supporting and empowering you as an educator as well as your class.

Seafood Ambassadors are part of the Scottish Food and Drink STEM Ambassador network – you can request an Ambassador or see current offers from Ambassadors through the STEM Ambassadors website: <https://www.stem.org.uk/stem-ambassadors>

Appendix

Additional Links

Seafood Industry Career Paths (Seafish): <https://www.seafish.org/safety-and-training/careers-in-the-uk-seafood-industry/seafood-industry-career-paths/>

'World is your Oyster' (Seafish) – YouTube: <https://youtu.be/tjmxkBtdAMM>

Pride in the Seas (Scottish Fishermen's Federation – campaign featuring 12 career profiles of people working in Scotland's fishing industry): <https://www.sff.co.uk/news/category/pride-in-the-seas>

Apprentice for the Day (FDF Scotland):

- Seafood Scotland at Associated Seafoods: <https://youtu.be/qN17PcuUCWE>
- Salmon Scotland at MOWI: https://youtu.be/siFLoMf_x54

Aquaculture Careers (Lantra Scotland): <https://www.scotland.lantra.co.uk/careers/sector/331/aquaculture>

Aquaculture – Mussel Farming (Eat Scottish Mussels): <https://www.eatscottishmussels.co.uk/watch-learn/>

Find Your Future in Food & Drink (Food & Drink Scotland Partnership) – resources covering careers in food & drink sector: <https://www.foodeducationscotland.scot/recruit/resource-new-toolkit-outlines-reasons-to-find-a-future-in-food>