

The Danish Shellfish Centre Learning Lab / Marine Biology

The dissemination facility at the Danish Shellfish Centre (DSC) of the Technical University of Denmark offers teaching and experiencing for children from kindergarten to high-school level. For the smallest kids, activities are focused on touching and sensing typical estuarine invertebrates with focus on shellfish and species related to DSC research activities.

The hands-on demonstrations introduce pupils to basic biological knowledge. For secondary school level pupils, educational courses are designed with a number of different topics like 'Invasive species', 'The

blue mussel' and 'Marine Waters'. The classes can be prepared in advance through an [e-learning platform](#) designed by DSC, followed by a hands-on experience at the research center. School classes can also come for general or specific guided lab tours and to the Limfjorden estuary. A similar concept is used for high-school pupils.

DSC has prepared courses with fixed topics like [eutrophication](#), [plankton](#), [mussel filtration](#), [benthic ecology](#) etc. related to the key research areas of the DSC. The courses match the high-school (15-19 yr old) biology curriculum and related interdisciplinary





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courses. Classes prepared in advance can either perform experiments in labs or take samples from boats and then prepare reports for their class. Larger assignments for small groups (2-5 students) can likewise be hosted at DSC for shorter periods where students use DSC lab facilities. Smaller courses are also offered to technical schools, e.g. the Fishery School.

The DSC Learning lab also encompasses a [school kitchen](#) where classes of all ages can learn how to prepare seafood. The kitchen can also be used for demonstration of [healthy food preparation](#), human nutrition classes, and general practice in kitchen routines and hygiene. No fixed courses have yet been designed but are under preparation.



Target group: Pupils 5-19 years old

Subject addressed: Biology, physics, chemistry, culinary lessons

Restrictions in the number of visitors: The course is designed for class groups with up to 24 students per class. The presence of the respective teacher is necessary except for high school groups working on special assignments.

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