



Platforms of Tomorrow Schools Challenge

Teacher Guide

Delivery partners:



Kindly sponsored by:



Challenge Information

Aberdeen Science Centre are working in collaboration with Norway's Vitenfabrikken. As a part of this collaboration, we are running the Platforms of Tomorrow Schools Challenge for school pupils in both Norway and Scotland. The collaboration project has kindly been funded by Equinor.

As Norway and Scotland are moving towards more renewable sources of power, the infrastructure currently in place in the North Sea for oil and gas production will eventually have to be decommissioned. This is happening globally, and there are various ways platforms are being reused from the creation of artificial reefs and diving centres, to being totally dismantled and used for scrap metal.

We are challenging pupils to create a Lego model showing how they would reuse a decommissioned oil and gas platform in a sustainable way and present their models to us via a short video.

The winning team from each country will receive a free class visit to their respective Science Centre, and one overall winner will receive £1000, or 10,000kr towards a sustainable project for their school or local area.

The challenge will be open for entries during term one 2024, between the schools Summer and October Holidays.

Entry Criteria

- The competition is open to P5-S2 classes, and equivalent classes in Norway.
- One entry can be submitted per class (we would encourage classes to work in teams and vote to choose which entry they will put forward for judging).
- Teams must build a Lego model showing how they would reuse a decommissioned oil platform in a sustainable way. Entries must include a video of no more than three minutes to present and explain their ideas to the judges.
- Within the entry, teachers must let us know what they would plan to use the prize money for if they were to win the overall prize.
- Entries can be made in either English or Norwegian.
- The models must be primarily constructed using Lego but can have additional decoration made from recyclable materials. Aberdeen Science Centre does have some Lego available to borrow to take part in the challenge if you do not have access to your own, please get in touch if you wish to arrange this.
- Entries can be submitted by emailing schoolcomp@asc.scot with your video and entry form.
- Entries will then be shortlisted by Aberdeen Science Centre & Vitenfabrikken staff before final judging in early November.
- Winners will be notified by the end of November.
- The winning class from each country will be asked to take part in photos for press coverage of the project.

Judging Criteria

Entries will be judged on the following criteria:

- Visual Impact
- The explanation of the team's idea
- Creativity
- Sustainability
- How realistically the idea could be implemented.

