

# Aquanauts: Spying on the Depths

## Science Extension for Yr 8-10 Students

Getting to the moon is hard. Getting to the bottom of the ocean can be harder! Finding out what's happening under the waves requires scientists to overcome some big hurdles. Depth, visibility, salt and electronics, and many other challenges present themselves. In this programme you'll face those challenges to become an aquanaut, building your own aquabot to explore the ocean, and learn how we can use this technology to collect and apply data.

### Day 1 - Exploration of marine science challenges

AM Introduction to the programme and teams  
PM Planning research project

### Day 2 - Creating Underwater Aquabots

AM Design / Build Aquabots to meet requirements of tasks needed  
PM Discover the local catchment and discussion of environmental issues affecting local marine environment

### Day 3 - Field sampling by boat and data analysis

AM Deployment of Aquabots, observations and data collection  
PM Back in the lab to make sense of what we collected

### Friday 11 November - Interpreting and presenting the data

AM Data analysis and interpretation, creation of presentation media  
PM Presentations of the information gathered from the Aquabot exploration

**For further inquiries and submitting your interest to book please contact:  
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