



Overview

The Waves of Change programme is designed to bridge a gap in technical skills between education and employment. Six full funded places are provided by the Doris Campbell Fund through the Hampshire and Isle of Wight Community Fund.

Six young people will be selected to attend six practical workshops in which, through the vehicle of Maritime Archaeology, they will learn and develop transferable skills in technology and digital media. A seventh session will look at possible next steps into further education, training or employment. Emphasis will be on those who are not currently following a path into University education.

These workshops will:

- Provide rare and exciting opportunities for hands-on experiences that can be incorporated into CVs and job applications.
- Develop transferable technical and IT skills and an understanding of their many applications in different industries.
- Provide hands on experience of modern technology.
- Develop soft skills such as communication, organisation and teamwork.
- Provide experience of working in a professional organisation, and also within the charitable sector.
- Develop confidence.

On completion of the course

Each participant will receive:

- A certificate.
- An individual reference.
- Friends of the Trust membership for 1 year.
- Access to volunteering opportunities with the Maritime Archaeology Trust.

Where and when will the workshops be held?

All seven sessions will be held in July. Participants must be able to commit to all seven dates.

Week 1: Tuesday 2nd July Thursday 4th July
Week 2: Tuesday 9th July Thursday 11th July
Week 3: Tuesday 16th July Thursday 18th July
Final Session: Tuesday 23rd July

Each session will start at Fairways House, Mount Pleasant Road, Southampton SO14 0QB. Due to the practical nature of the course, there will be trips out to sites such as the diving centre, fieldwork sites and the Shipwreck Centre on the Isle of Wight. Session times will vary depending on the activity but will be between 9.00-16:00. Approved travel expenses will be reimbursed on production of receipts.



Who can apply?

To be eligible for this course you must be able to answer yes to the following questions:

1. Are you aged 18-25?
2. Do you live in Southampton, Portsmouth or in Hampshire?
3. Are you interested in learning digital and technological skills?
4. Can you commit to all 7 dates in July?

How to apply?

If you wish to apply, please complete the application form and return it before the deadline of Friday 3rd May. Shortlisted candidates will be invited for interview in mid-June.

Further information about the Maritime archaeology Trust can be found on:

- www.maritimearchaeologytrust.org
- twitter: @maritimetrust
- Facebook: Maritime Archaeology Trust
- Instagram: maritimearchaeologytrust

If you have any questions, please email helen.wallbridge@maritimearchaeologytrust.org

The Maritime Archaeology Trust is a registered charity 900025

Head Office:

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European Way, Southampton, SO14 3ZH.
Tel 02380 593290

Volunteer & Fieldwork Office:

Fairways House,
Mount Pleasant Road,
Southampton,
SO14 0QB.
Tel - 02380 237300

What will the workshops involve?

The workshops will provide high quality learning, hands on practical experience and maritime cultural heritage experiences. The skills are not specific to archaeology and can be useful in many other careers.

- **Technology in Archaeology** – An overview of discovering the amazing world of shipwrecks, submerged prehistoric landscapes, intertidal hulked vessels, remains of coastal industries and settlements. Recording techniques from scaled hand-measured survey to high tech digital recording. Linked areas of employment roles for specialists–historical research, artefact studies, palaeoenvironmental analysis, GIS, computing and visualisation etc. The MATs virtual reality kit will be used to demonstrate what shipwrecks look like under water and how state of the art technology is used in archaeology.
- **Digital Photography and Photogrammetry** – learn how to digitally record archaeological artefacts to create heritage records. To include the basics of photography, lighting, scales etc, principles of digital photogrammetry and the uses for this – 3D modelling.
- **3D Modelling** - participants will then be guided through the process of using archaeological data to produce digital 3D models of the surveyed structures using the MATs high specification computers and software. Examples of models produced using this technology can be seen here <https://sketchfab.com/maritimearchaeologytrust> Participants will be introduced to how 3D models can be used within other outreach methods such as Virtual Reality and 3D printing.
- **Introduction to Drone flying** – experience flying drones with the aim of recording intertidal archaeology sites. Skills will include basic flight experience, understanding the legal position and permissions required for drone flying, how to plan a survey for best archaeological results.
- **Try Diving Session** – for those happy in the water we will offer this workshop using a local Dive Centre to provide the opportunity to experience diving, to introduce skills of working within the diving industry. This is core for maritime archaeology, but also relevant for a range of other potential employment such as diving instructor or diving contractor. It is not compulsory to go in the water if the participant is not comfortable with it. A presentation about Archaeological diving will follow the practical.

- ***Communication and Interpretation*** – an important aspect of archaeology is sharing the information with the public through a range of methods and activities. This session will include a visit to the MAT's Shipwreck Centre and Maritime Museum on the Isle of Wight, here skills such as planning and developing public displays, using art and models for interpretation and shaping the visitor experience of heritage will be developed. Other outreach activities presented will include working with schools, public events, the MAT Discovery Bus, touring exhibitions, websites and social media for engaging with a range of audiences.
- ***Next steps session*** – a final session will discuss the skills that have been taught and how they can be applied in other careers. An external advisor will be on hand to offer advice for progression to further education, training or employment.