



## Bronze Casting Workshop with Dr James Dilley

The Antoinette Centre Quex Park Birchington



ANCIENTCRAFT

### Casting a Palstave Axe

This workshop offers you a great opportunity to understand tool design and bronze casting techniques in Prehistory. You will cast your own replica middle Bronze Age palstave axe. These axes were developed from the earlier 'flanged' axe which lacked high ridges, a haft stopper and loop. Metallurgy analysis shows Welsh copper can be found in over 90% of the early palstave axes found around NW Europe. There is a real Thanet connection to these axes as many examples have been found around the Isle and several examples from the Trust's collection will be available to view and handle.



Following a safety briefing, workshop attendees will prepare their own mould, before working the leather bellows on the charcoal fuelled furnace to melt copper and tin. They will then cast the liquid metal into their prepared moulds to produce a replica palstave axe head to take home at the end of the day. Students can then begin decorating the axe, filing off the casting flash and start cleaning the surfaces of the axe.

You will be pleased to know you keep the items you have made at the workshop.

### Workshop Leader Dr James Dilley



Our expert workshop leader will be Dr James Dilley of Ancientcraft, the UK's leading provider in prehistoric archaeology outreach. James is an archaeologist and craftsman who specialises in prehistoric technologies with over 17 years of experience working with museums and heritage centres around the UK such as The British Museum and Stonehenge and alongside media companies such as the BBC, Channel 4, ITV and National Geographic.

### Booking

6 places are available on the full day Bronze Casting workshop.  
Book early to be sure of a place.

### Price

Bronze casting workshop £90.00 per person.

Book at: <http://www.trustforthanetarcaheology.org.uk/community-outreach/ancientcraft-workshops/>

Bronze Casting Workshop Timetable		
Saturday 21st May 2022		
Session	Time	Workshop
Welcome	9.30 - 10.00	Tea and coffee will be available
Bronze Casting	10.00 - 12.30	Morning session
12.30 - 13.30 Lunch Break		
Bronze Casting	13.30- 16.00	Afternoon session
4.00pm Event Ends		

### Lunch Breaks/Food

You may bring a picnic lunch to eat in the Antoinette Centre Garden or indoors in case of bad weather. There are a number of restaurants located within the Quex Park estate. Timing of break may change depending on workshop activities.

The Antoinette Centre, Quex Park, Birchington, Kent CT7 0BH  
What3Words: sober september probable