Wessex Archaeology





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Wessex Archaeology is a charitable trust which aims to promote the advancement of education of the public in the subject of archaeology. Registered Charity No. 287786.

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#### Introduction

Time Travelling by Water was launched in January 2008 with support from the Heritage Lottery Fund.

It aims to give everyone access to their marine and coastal heritage through school workshops, community presentations, event days and a dedicated website.

To date over 100 school workshops have been conducted, from which approximately 3000 children and their teachers have benefitted. Time Travelling by Water activities have been a popular feature of event days across the south-west giving an estimated 10,000 people access to their marine and coastal heritage. Whilst the project was initially funded for the south-west counties of Somerset, Dorset, Wiltshire and Gloucestershire, Time Travelling by Water has also been able to respond to out-of-area requests, demonstrating the widespread appeal of this project.

The project has proved to be incredibly successful and has received support to undertake further project-specific work, such as outreach in relation to the ALSF funded investigation of prehistoric remains in Area 240, off East Anglia.







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#### **School Workshops**

Time Travelling by Water uses marine archaeology to explore National Curriculum topics in an evocative and exciting way. Our dedicated outreach staff have tailored workshops to different age groups and to pupils' varied educational needs. These are some of our most popular workshops:

- Tudor Seafaring
- Local History and Archaeology
- One of our Aircraft is Missing: Exploring WW2 through aircraft crash sites at sea
- · Science: Investigating the seabed
- A Forgotten Story: The ss Mendi
- Lands Beneath the Sea: Exploring life during the last ice age





#### Free Workshops

Norkshop topics include

Through the use of five themed workshops for schools Time Travelling by Water aims to increase learning and access to the exciting underwater work of marine and coastal archaeology. All of our workshops are free and available in the South-West counties of Witshine, Gloucester, Somersei and Dorent. Each workshop lasts an hour and a half at KS2 and can be adapted to fit a shorter timetable for KS3 in secondary achools. Information on how these workshops support the national curriculum can be found on the Time Travelling by Water website – http://tiosy.wessexart.co.uk/tbw/

#### One of our aircraft is missing

This workshop introduces the underwater aircraft wrecks discovered by Wessex Archaeology's Coastal and Marine team. They provide an evocative stimulus for learning about Work! War two and for exploring ideas of citizenship, conflict, pathotism and nationality.



#### Lands beneath the sea

Ten thousand years ago the bed of the North Sea and the English Channel were dry lundra landscopes as loc Age conditions locked water into ice sheets. As the loc Age ended, evidence of how our distant ancentors lived becames submerged and preserved by the rising melt water. This workshop introduces geographical ideas of glaciation and sea level change, whils livestigating the techniques and types of evidence used by archaeologists to find out about our predecessors and their environment.

#### History on your riverbank

The history and development of many towns and cities is intrinsically linked to local waterways and how these have allowed the development of trade, facilitated communication and encouraged the growth of industry. This workshop explores these ideas in your area, using local examples from your county.

#### Tudor seafaring

The South-West of England was instrumental in the development of seafaring, exploration and international trade in the Tudor period. In a colourid workshop designed to enrich the loading of this mational curriculum topic, we explore the reasons why seafaring was important to the Tudors and investigate some of the shipwrecks and artefacts that have tught us about them.

#### A forgotten story : the ss Mendi

On the 21st of February 1917 the sis Mendi sank off the tale of Wight taking with her the lives of over 600 members of the South African Native Labour Corps. In a workshop aimed at these subject processing for KS3 the story of the Mendi subject source colonisation and the development of the empire in the Victorian period, and how this led to the South African involvement in WVR. Through this we investigate ideas of empire patricism, ethnicity







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### **Tudor Seafaring**





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### Local History and Archaeology









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### One of our Aircraft is Missing















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### Science: Investigating the Seabed











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### A Forgotten Story: The ss *Mendi*



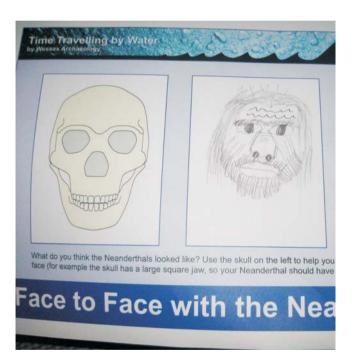


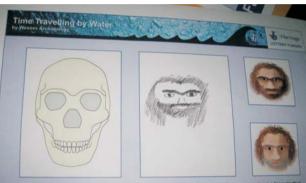




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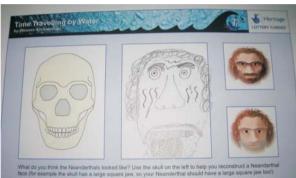
### Lands Beneath the Sea





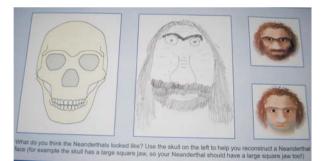
What do you think the Neanderthals looked like? Use the skull on the left to help you reconstruct a Neanderthal face (for example the skull has a large square jaw, so your Neanderthal should have a large square jaw too);





nee for example the sets rises a large square jaw, so your reconcernal should have a large square jaw example.

#### Face to Face with the Neanderthals





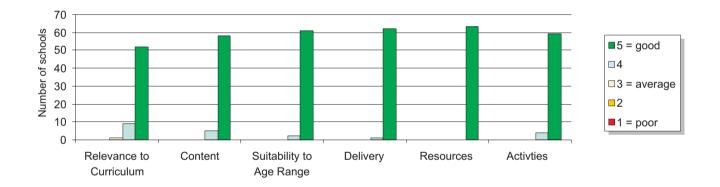


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#### Feedback

The feedback that the project has received from schools has been very complimentary.

TTBW Numerical Feedback: How would you rate the workshop?





Heritage

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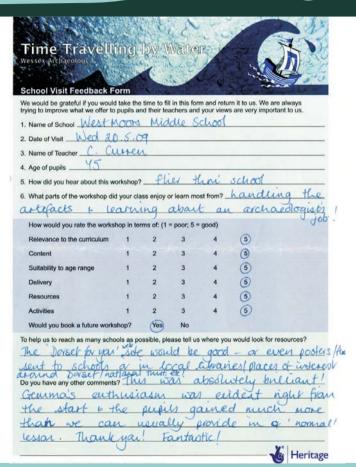


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| ng to improve what we offer to                                   | pupils a  |              |                 |           |                 | are alway    |
|--|-----------|--------------|-----------------|-----------|-----------------|--------------|
|  |           | no meir tea  | chers and       | your view | is are very imp | portant to u |
| Name of School <u>Somera</u><br>Date of Visit <u>17 / 12 /98</u> |           | 1 5 JAN 2009 |                 |           |                 |              |
| Name of Teacher  |           |              |                 |           |                 |              |
| Age of pupils  |           |              |                 |           | Action G        | 11           |
| How did you hear about this we                                   | rkehon    | Ta           | msin            | Edm       | ad              |              |
| What parts of the workshop did                                   |           |              |                 |           |                 | a sh         |
| How would you rate the works?                                    | nop in te | rms of: (1 = | poor; 5 =       | good)     |                 |              |
| Relevance to the curriculum                                      | 1         | 2            | 3               | 4         | 5               |              |
| Content  | 1         | 2            | 3               | 4         | 5               |              |
| Suitability to age range   | 1         | 2            | 3               | 4         | 5               |              |
| Delivery   | 1         | 2            | 3               | 4         | 5               |              |
| Resources  | 1         | 2            | 3               | 4         | (5)             |              |
| Activities   | 1         | 2            | 3               | 4         | 5               |              |
| Would you book a future works                                    | hop?      | Yes          | No              |           |                 |              |
| help us to reach as many scho                                    | ols as p  | ossible, ple | ase tell us     | where yo  | u would look f  | or resourc   |
| Internet / lubr  | any       | sern         | ce              |           |                 |              |
|  | 5         |              |                 | 12.00     |                 |              |
| you have any other comments                                      | 2         | Consid       | enné            | g the     | wast o          | bilit        |
|  |           | mp t         | nio i           | was       | a sup           | er           |
| nee and lang   |           |              | ALCONTRACTOR OF |           |                 |              |
| nge and lang   | 9         |              |                 |           |                 |              |



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Time Travelling by Water We would be grateful if you would take the time to fill in this form and return it to us. We are always trying to improve what we offer to pupils and their teachers and your views are very important to us. 1. Name of School THORNER'S CE VA PRIMARY SCHOOL 2. Date of Visit MONDAY 21St SEPTEMBER 2009 3. Name of Teacher ALISON JOHNSTONE 4. Age of pupils Years 5 = 6 age 9/10/11 5. How did you hear about this workshop? USED SERVICE PREVIDUSLY 6. What parts of the workshop did your class enjoy or learn most from? HANDLING THE APPTFACTS / SPICES How would you rate the workshop in terms of: (1 = poor; 5 = good) Relevance to the curriculum 5 (5) Content Suitability to age range 5 Delivery 5 5 Resources Activities 5 Would you book a future workshop? (Yes) To help us to reach as many schools as possible, please tell us where you would look for resources? Websites, flyers into school, Do you have any other comments? I cannot praise the workshop enough, the rapport with the children was great - the right balance between fun and control was there. Heritage http://blogs.wessexarch.co.uk/ttbw/ http://splash.wessexarch.co.uk/

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### Children's work

Time Travelling by Water has received a lot of feedback from children who have enjoyed school workshops. Here is a selection of their letters and drawings.



Dear Gemma

VESTORS IN PEOPLE

thank you for coming to talk to us about would war too and one it was grast full especially witnessing

senson and Kalherine dress up.

Dear Gernma

Thankyou for coming to Grentres coday. It was really form. I have lurnt that Arkhae of gyests dig things up from under the sea.

I really ensaged looking at the gun grom w u II.

And I liked all of it.

The obsects from the boat and arreplane were vering intresting and smelling. And the doths to ted vering worm.



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#### monday 20th actober

Dear Genma theregoing for comeing in and taking to us about Archbeology I like Archaeology because of it's about precious treasures under the sea got thousands of years

when  $\pm$  put on the waders they were way to big gor the  $\pm$   $\pm$  sarded to get really hot but it was fun.

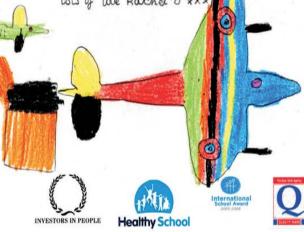
) It was really intresting looking at things that could have been under the sea gor thousands of year.

And I like dawing are own planes because we had are own army yours sincerely hannah Dear Gemma

I really enjoyed the talk you gave us it was fascending. Me and my Best griend Gabbrille loved the artigacts. It was great, I thought it was fabulous, when kathine and Jenson dressed up that also was jab we all enjoyed it I never thought world war I was so fascenating, when you had gone we all had two minutes silence It was was very Good.

11.11.08

lot's of love Rachel 0 xxx



|                     | The Prince of Wales School<br>Maiden Castle Road |
|---------------------|--|
|                     | Maiden Castle Road                               |
|                     | Dorchester                                       |
|                     | Dorset   |
|                     | DTI 2HH  |
| Monday 20th October |  |
| Dear Gemma          |  |

Thank you for coming to our school. It was really sun learning the archaeology under the sea

I sound it really intresting holding and sinding out about what the archaeology was used for. And I thought it was great!

I have a question for you. How many bits of archaeology have you found under the sea?

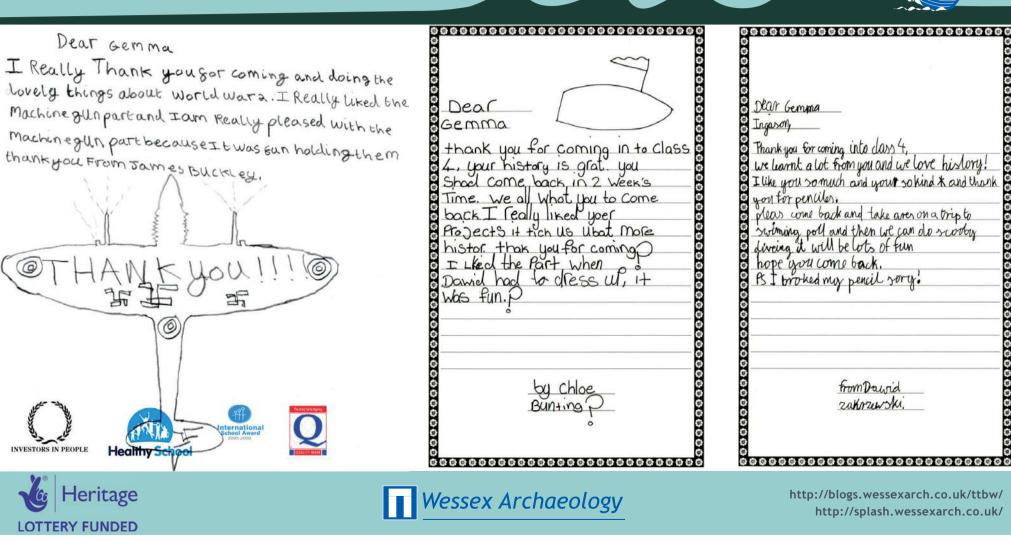
Yours sincerely

Jess



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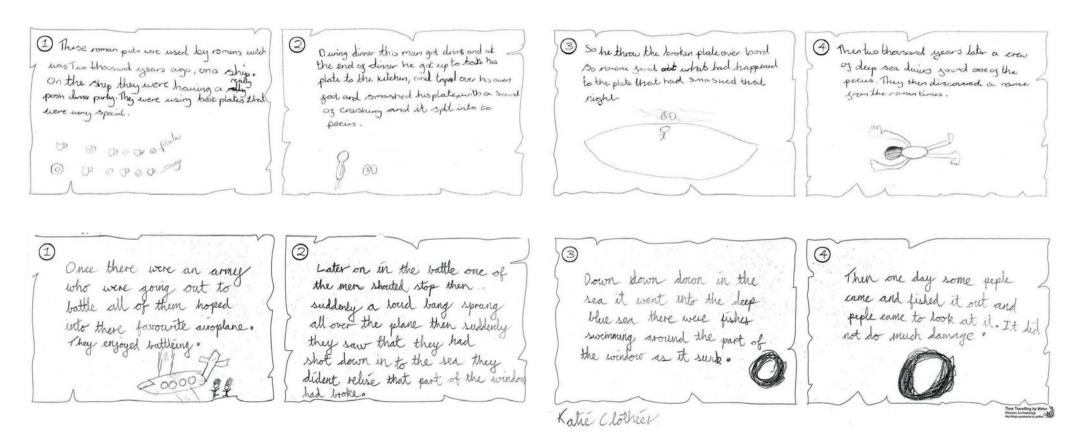
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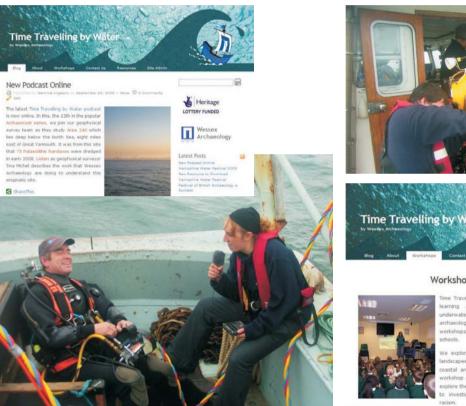
#### Website

Time Travelling by Water hosts a website dedicated to marine and coastal education. A regularly updated blog informs visitors of current events and the website allows people to download free resources. It also provides a platform for the incredibly popular marine and coastal podcasts that have been recorded with our diving and geophysical teams.

Visit the website at:

http://www.blogs.wessexarch.co.uk/ttbw/

or internet search 'Time Travelling by Water'.







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### **Event Days**

Time Travelling by Water has appeared at many event days across the south-west during which thousands of people have been able to access their marine and coastal heritage.









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### **Sutton College of Learning for Adults**





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### The Mary Rose Trust







### Hampshire Water Festival 2008





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### Hampshire Water Festival 2009











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### National Archaeology Day 2009











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### Young Archaeologist Clubs

In addition to school workshops, Time Travelling by Water has led sessions for Young Archaeologists' Clubs across the south-west. These have explored marine and coastal archaeology in interesting and evocative ways.









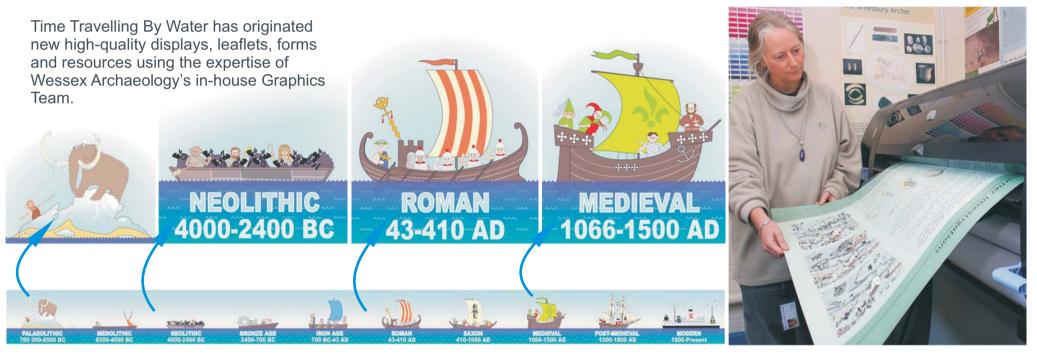




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#### **Graphics Team**



### **Marine Timeline**





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#### Tudor Seafaring Why did the Tudors go to sea?

#### CLUES

Garlic – White 'bulb' which doesn't smell unless you cut it up. Tudor sailors bought these to Britain from the East Indies.

Cocoa – Brown powder which smells like chocolate! The Tudors found this in South America and brought it to Britain.

Vanilla – Black seed pod which smells like ice cream. Vanilla came to Britain for the first time in the Tudor period, after it was discovered in South America.

Peppercorns – Black balls which smell of pepper. Tudor sailors bought these to Britain from the East Indies.

Cinnamon – Sweet smelling brown powder or brown sticks. The Tudors bought these by boat from the East Indies.

Nutmeg – Sweet and 'warm' smelling light brown powder. The Tudors imported nutmeg from the East Indies.

Ginger – This is a spicy smelling light brown powder. The Tudors bought ginger by boat from the East Indies.

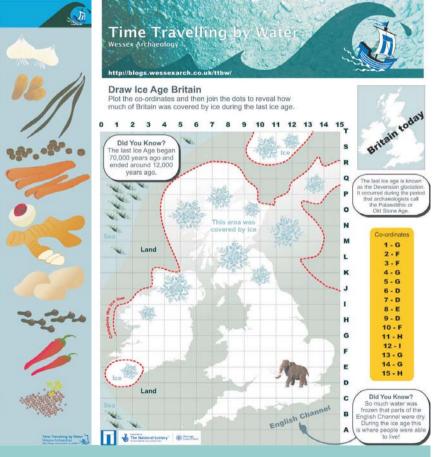
Potatoes – These look like potatoes! Before the Tudor period, no one in Britain had seen potatoes. They were introduced from South America.

Cloves – Strong smelling black spiky balls. Tudor sailors bought these to Britain from the East Indies.

Paprika – Sweet and spicy smelling red powder. The Tudors brought this to Britain from South America.

Mustard Seed – Small yellow seeds which are used to make mustard. The Tudors bought these by boat from the East Indies.

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### **Project-related Outreach**

Time Travelling by Water has supported Wessex Archaeology's marine and coastal project work, including spending five days visiting schools in Norfolk to support the work of our Seabed Prehistory: Area 240 project. The Area 240 project, and the outreach associated with it, was funded by English Heritage through the MALSF. A letter and photographs from the school demonstrate how well this was received.





Marine Aggregate Levy Sustainability Fund MALSF





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Norfolk County Council EDWARD WORLLEDGE COMMUNITY JUNIOR SCHOOL Email address: <u>office@edwardworlledge.norfolk.sch.uk</u>

> Suffolk Road Great Yarmouth Norfolk NR31 0ER Tel/Fax: 01493 603462

Headteacher: Acting Deputy Headteacher: Mrs Dawn Kightley Mrs Janette Coward

10th July 2009

Gemma Ingason Wessex Archaeology Porthway House Old Sarum Park Salisbury Wiltshire, SP4 6EB

RESPICE FINEM

RECEIVED 14 JUL 2009 Action 9

#### Dear Gemma,

Many, many thanks for taking the time to visit our school in June and talk to the children from Years 5 and 6 about the current archaeological project being undertaken a few miles from our coastline. The children really enjoyed your Workshop and loved the hands on approach that you brought with it - **as you can see by some of the photos!** 

We have sent a news article to our local newspaper telling the local community about your visit to our school and we included your email address so hopefully you may have some interest further afield from the local residents of Great Yarmouth who maybe interested to hear about the project. I will forward on the news article once it has been published.

Many thanks again for giving the children a better understanding of what lies beneath the seabed!

Yours sincerely,

Andrea Howes and the children of Years 5 and 6

Marine Aggregate Levy Sustainability Fund MALSF



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### Collaboration

Time Travelling by Water has attended various conferences and training events, and has organised similar sessions, to develop strong links with other heritage and outreach organisations. These include HWTMA, the Mary Rose Trust, The New Forest National Park and Salisbury Museum.

Time Travelling by Water has also formed strong links with other long running Wessex Archaeology projects and with a variety of offshore industries. The teaching collection used by Time Travelling by Water has been largely donated by those working in the marine aggregate industry. These finds were reported through the Marine Aggregates Protocol (supported by the British Marine Aggregate Producers Association, English Heritage and The Crown Estate) and were donated by BMAPA companies and by the Receiver of Wreck. Awareness of the teaching collection has been raised through the popular Dredged Up newsletter, which is produced by Wessex Archaeology, on behalf of English Heritage, for the marine aggregate industry and the wider public. This is available to view online at

http://www.wessexarch.co.uk/projects/marine/bmapa/dredged-up

or search the internet for 'Dredged Up Newsletter'





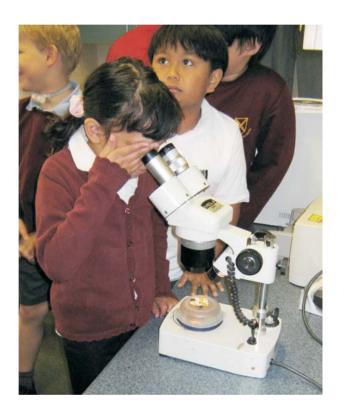
http://blogs.wessexarch.co.uk/ttbw/ http://splash.wessexarch.co.uk/

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#### **Updates**

Throughout the Time Travelling by Water project, our funders at the Heritage Lottery Fund have been updated on the project's progress by reports in November 2008 and May 2009.









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#### Time Travelling By Water Update November 2008

#### Project background, aims and targets

Funding for the Time Travelling by Water (TTBW) project was granted in November 2007. The project is designed to allow wide access to the work of Wessex Archaeology's marine and coastal department. This is being achieved through at least 70 school visits reaching a minimum of 2100 KS2 and KS3 children, and 12 talks to groups and societies to reach at least 200 adults. The project also maintains a dedicated website and appears at event days across the South West region.

TTBW project officer Gemma Ingason was appointed in late January 2008 and has been working to achieve these aims. The first six months of the project were concerned with generating resources and developing school workshops, ready for the delivery phase of the project to begin in the summer of 2008.

#### School Visits

The project has conducted 20 school workshops and a further 15 are currently booked for the autumn school term. This puts the project on. or even considerably ahead, of the target to visit 70 schools during the two year period of funding. To date 551 children have benefitted from a TTBW workshop in school

The workshops have been designed to complement the national curriculum by exploring a curriculum topic through marine archaeology For example, WW2 is visited through an exploration of aircraft wrecks in British waters and Tudor seafaring through shipwreck and artefactual evidence. The workshops are complemented by PowerPoint presentations shown on either the school's interactive



whiteboard (where available) or using the digital projector provided through the project funding. Real artefacts from the TTBW teaching collection (assembled specifically for this project) are used to make the workshop memorable, interactive and a valuable investigative and learning experience. TTBW promotional pencils are given out at every session and this not only helps raise awareness of the workshop and the project, but also provides the recipient with the website address. The project logo and brand is being used widely - on PowerPoint presentations. on worksheets, posters, displays, web pages, games, promotional pencils and all other resources that are being generated specifically for this project.

### To alter this, targeted advertising is to be





As the workshops develop they are being Two adult talks have been conducted (reaching constantly re-appraised based on feedback from approximately 35 people) and a further two are teachers of classes visited. A custom designed booked over the coming months. Now that a considerable proportion of the school workshops and branded form is provided for this. Feedback has been incredibly positive so far but all have been booked, energy will be put into this area to ensure that the target of 12 adult talks suggestions for improvement are considered and adopted where necessary. is met by January 2010.

Heritag

Currently all workshops have been delivered to

KS2 pupils despite workshops being offered to

both KS2 and KS3 classes; 2 future workshops

Of the counties covered by our grant, workshops

have been most readily taken up by Wiltshire and

Dorset where we already have a strong education

program and good links. Of the 20 workshops

conducted. 4 were in Dorset. 6 in Hampshire

and 10 in Wiltshire. Bookings have also been

made by schools in Somerset, however take up

of workshops from the Gloucestershire region

currently booked or undertaken in this region

has been disappointing with no workshops

are booked with KS3 groups

#### Website

The project website is established and is regularly updated. It can be found at http://blogs.wessexarch.co.uk/ttbw/. Within the next month the first TTBW podcast, which was recorded with our dive team, will be put onto the net. Wessex Archaeology's podcasts have been incredibly popular in the past and it is hoped that the TTBW podcast (the first with sound recorded from under the sea!) will be equally well received. Other resources, including a comprehensive marine themed timeline, are currently being finalised and will be put onto the website before Christmas

### Wessex Archaeology

#### Time Travelling By Water Update November 2008

Event Days conducted including clarifying information on the To date the project has appeared at 6 event days including appearing at National Archaeology Day at Salisbury museum and joining the Nautical Archaeological Society for events in Purton. Gloucestershire. A combined total of nearly 4000 people have attended the six event days with approximately 2000 of these visiting the Time Travelling by Water stand. TTRW is also due to have a display at the upcoming Council for British Archaeology Wessex conference to be held in



Adult lectures

awareness and efficiency

November, which will raise professional

We have recently been approached by Leeds

Castle, in Kent, to conduct events there in

February during the school half term. This

demonstrates the level of out of area interest in

the project, as does the requests for workshops

Hampshire. We have also formed close ties with

environment (including amongst others HWTMA, the NAS, the Mary Rose Trust and the Living River

Project) in order to maximise resources, project

from schools close to the Wiltshire border in

other organisations working in the marine

awareness of the project.

#### To summarise, the project is on course to meet and in some cases to exceed its targets by allowing everyone access to the often inaccessible work of Wessex Archaeology's marine team. Over the course of the next 14 months we will continue to meet targets and promote access to marine and coastal archaeology.

Summary

Time Travelling By Water Update November 2008







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#### Time Travelling By Water Update May 2009

Project background, aims and targets

Funding for the Time Travelling by Water (TTBW) project was granted in November 2007. The project is designed to allow wide access to the work of Wessex Archaeology's marine and coastal department. This is being achieved through at least 70 school visits, reaching a minimum of 2100 KS2 and KS3 children and 12 talks to proups and societies to reach at least 200 adults. The project also maintains a dedicated website and appears at event days across the South West region.

TTBW project officer Gemma Ingason was appointed in late lanuary 2008 and has been working to achieve these aims. The first six months of the project were concerned with generating resources and developing school workshops, ready for the delivery phase of the project to begin in the summer of 2008.

#### School Visits

The project reached the target of conducting 70 school visits on Tuesday 5th May 2009. Though we have achieved the goal we aimed for, we will continue delivering workshops until the end of the funding period (December 2009). A further 23 visits are currently booked for the summer term and include visits to a network of home educated children in Dorset. To date 1863 children have benefitted from a TTBW workshop in school.

The workshops have been designed to complement the national curriculum by exploring a curriculum topic through marine archaeology. For example, WW2 is visited through an exploration of aircraft wrecks in British waters and Tudor seafaring through shipwreck and

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artefactual evidence. A new workshop - entitled 'It's a Mystery' - which involves handling and identifying a range of real artefacts has been incredibly popular. The workshops are complemented by PowerPoint presentations shown on either the school's interactive whiteboard (where available) or using the digital projector provided through the project funding. Real artefacts from the TTBW teaching collection (assembled specifically for this project) are used to make the workshop memorable, interactive and a valuable investigative and learning experience. TTBW promotional pencils are given out at every session and this not only helps raise awareness of the workshop and the project, but also provides the recipient with the website address. The project logo and brand is being used widely - on PowerPoint presentations, on worksheets, posters, displays, web pages, games, promotional pencils and all other resources that are being generated specifically for this project.

As the workshops develop they are being constantly re-appraised based on feedback from teachers of classes visited. A custom designed and branded form is provided for this. Feedback has been incredibly positive so far but all suggestions for improvement are considered and adopted where necessary.

Of the counties covered by our grant, workshops have been most readily taken up by schools in Wiltshire, Dorset and Somerset, Take up of workshops from Gloucestershire has been disappointing with one workshop undertaken and no further workshops currently booked in this region. This is despite targeted advertising to Gloucestershire schools.

#### Adult lectures

Seven adult talks have been conducted (reaching approximately 140 people) and a further two are booked for this month. We are confident of meeting the target of 12 talks by the end of the funding period.

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#### Website The project website is established and is regularly updated. It can be found at

The first TTRW podcast, which was recorded with our dive team, is now online and a second podcast with the team is due to go online imminently. During the school summer holiday

attention will be paid to the website in order to get learning resources online before the end of the project. This will ensure the longevity of the project beyond the funding period



#### 4000 people have attended the six event days with approximately 2000 of these visiting the Time Travelling by Water stand. A further three event days are currently booked

To date the project has appeared at 6 event days

including appearing at National Archaeology Day at Salisbury museum and joining the Nautical Archaeological Society for events in Purton. Gloucestershire. A combined total of nearly

Event Days

for 2009 and further opportunities are being actively sought, TTBW has also conducted two sessions for Young Archaeologist Clubs and a third session is booked for June.

We have also formed close ties with other organisations working in the marine environment (including amongst others HWTMA, the NAS, the Mary Rose Trust and the Living River Project) in order to maximise resources, project awareness and efficiency.

TTBW also has links with our project to support dredging industry staff when they find archaeology as it is through this that the teaching collection has been established. To encourage donations to this collection, TTBW was featured in the latest issue of the Dredged Up newsletter which is distributed to wharves, vessels and heritage professionals, available online at

http://www.wessexarch.co.uk/projects/marine/ bmapa/dredged-up



Time Travelling By Water Update May 200



he Time Travelling by Water Project



Summary

To summarise, this project is meeting and in some cases exceeding its targets by allowing everyone access to the often inaccessible work of Wessex Archaeology's marine team. Over the



http://blogs.wessexarch.co.uk/ttbw/ http://splash.wessexarch.co.uk/



Time Travelling By Water Update May 2009

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#### Legacy

In winter 2009, lesson plans and resources will be put online to extend the life and legacy of the project. These are being prepared by Time Travelling by Water staff with feedback from local school teachers.









