

MARINE DAY CONFERENCE

PLANNING A COASTAL STUDY

On the shore and in the classroom





Science, Geography and Literacy Field Study Workshop for Key Stages 1 and 2 Teachers

Planning a coastal study

Date: 09:30 – 15:30 on Thursday 25th June 2015

Venue: Adur Activity Centre & Shoreham Beach Nature Reserve

Field Study Leader:

Steve Savage (Shoreham Beach Nature Reserve Education Officer, Wildlife Author & Environmentalist)

Hosted by the South East Learning Associates

Aims: The day is an opportunity for teachers to:

- Find out why the seashore makes a fascinating and engaging topic
- Plan a cross-curricular Coastal and Marine topic for Key Stages 1 and 2 pupils
- Take part in practical fieldwork activities (including classifying living things, habitats, vegetated shingle and tide pools) along a stretch of coastline
- Discover how to use web based resources and digital hand held devices to view and interpret maps and collect, analyse and present information
- Bring the excitement of the seashore into the classroom



About the day

The day is an opportunity for Key Stages 1 and 2 teachers to examine the new primary science and geography curriculums with regards to planning a Coastal and Marine topic.

Part of the day will be spent undertaking fieldwork activities on the Shoreham Beach Nature Reserve which will involve a 2 mile drive from the Adur Outdoor Activity Centre to the eastern end of the nature reserve. Following lunch back at the Activity Centre teachers will work with Steve Savage and The Field Work Team on tailoring a science coastal and marine topic for their own pupils that incorporates a range of science based and cross-curricular practical learning activities.

All teachers attending will receive a Coastlines & Marine Key Stages 1 and 2 Resources pack.

Planning to attend?

Please complete and return the attached booking form by Friday 12th June 2015.

The cost per delegate is £99 + VAT



For more information about this event contact:

Phil Bracegirdle – South East Learning Associates
E-mail: pbracegirdle@segfl.org.uk or Tel: 07801709409

"Bring the excitement of the seashore into the classroom"



Agenda

08:45	Arrival and coffee
09:15	Welcome and introduction
09:30	Session 1: About Coastlines and Marine Habitats Session Leader: Steve Savage This session looks at our diverse and ever changing coastline. This is a visual introduction to marine habitats, coastline, coastal processes, wildlife, maritime history, global conservation issues and our ever changing relationship with the sea. This session includes a look at the cross curriculum opportunities for a marine based topic and includes case studies from previous marine topics.
10:30	Coffee - an opportunity to network and meet the presenters
10.45	Session 2: Field Study activities at a local beach Session Leaders: Steve Savage and Phil Bracegirdle A practical session on the beach at Shoreham Nature Reserve. We will undertake some practical activities that you can run on the beach with your class. This will include a focus on the beach habitat including rare vegetated shingle, intertidal zone and wildlife. Examining beach pebbles, sand and coastal processes. We will also collect some stranded marine objects that will form part of the afternoon session
12:45	Lunch (Please bring a packed lunch.) Possibly have lunch on beach if weather is fine. Includes time to return to centre.
13:45	Session 3: Planning a coastal study topic - Bringing the seashore in to your classroom Session Leader: Steve Savage This practical session will be based around 3 activities that can be used to explore seashore topics in the classroom. These activities can be used as a follow up or pre-seashore visit activities or they can be part of a classroom based project. The three activities will be secrets of the seashore – stories of the objects cast up on the beach, sea related myths a folklore, the limpet game about life on the shore
15:15	Plenary – Be safe! Beach safety and group management of pupils. Present guidance and procedures for educational visits, with specific regulations for beach visits.
15.30	Finish

The beach workshops were very popular based round the vegetated shingle, tide pools, beach pebbles and strandline.



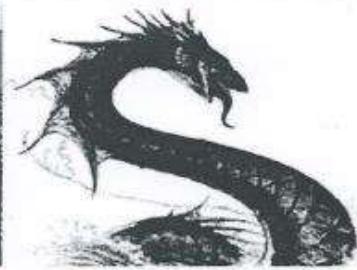
Before returning to the centre for the afternoon sessions, we collected some of the strandline objects cast on the beach which we would use in one of the afternoon workshops focusing on activities that could be done in the classroom.



FEEDBACK

We received some great feedback from schools both on the day and through the evaluation forms, all either marking the quality of the presentations and workshops, workshop materials and the usefulness of the conference to their role in the school as either outstanding, good or a mixture of the two.

Sample evaluation form replies below.



SEGfL Associates – Evaluation Form

We are always seeking to improve the quality and the impact of our training and therefore would appreciate you completing this form and returning it to the course leader before you leave.

Course: Planning a Coastal Study

Course Leader/s: Steve Savage / Phil Bracegirdle

Date: 25/06/2015

Venue: Adur Activity Centre & Shoreham Beach Nature Reserve

Objectives

A.	Please tick	Yes	No
Did the session meet the stated objectives?		✓	

B. Please rate the success of the course according to the following criteria:	Outstanding	Good	Satisfactory	Inadequate
Degree of usefulness to you within your role	✓			
Degree of usefulness to your school/setting to help raise standards		✓		
Potential impact on future working practices		✓		
Quality and style of delivery				
Quality and usefulness of materials/handouts/resources	✓			
Quality of administrative arrangements prior to the session		✓		
Quality of the venue		✓		

C. Please use the space below to add further comments on:
Particular strengths of the day <i>Gaining extra knowledge about the seashore. Learning about other activities to do on the seashore.</i>
Areas for improvement <i>Even more time on the beach!</i>
What difference will this training make to staff and pupils in your school? <i>Give a greater range of activities to use in our marine topic.</i>

How do you intend to take forward what you have learnt?

Definitely.

Do you plan to contact any of the presenters following today?

Possibly.

D. Have you any suggestions for future events/training you would like us to provide?

SEGfL Associates also offers an extensive range of consultancy and school-based training courses.
For more information e-mail: pbracegirdle@segfl.org.uk

Thank you

Name:

School:



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Quality and style of delivery	✓			
Quality and usefulness of materials/handouts/resources		✓		
Quality of administrative arrangements prior to the session		✓		
Quality of the venue	✓			

C. Please use the space below to add further comments on:
Particular strengths of the day <i>Practical experience on the beach. Knowledge of course leader</i>
Areas for improvement
What difference will this training make to staff and pupils in your school? <i>I will be able to share knowledge and resources to do more practical activities and cross-curricular work.</i>

How do you intend to take forward what you have learnt?

Organise a trip as soon as possible.

Do you plan to contact any of the presenters following today?

possibly once I know what I am doing next year.

D. Have you any suggestions for future events/training you would like us to provide?

Model risk assessments?

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Potential impact on future working practices	✓			
Quality and style of delivery	✓			
Quality and usefulness of materials/handouts/resources	✓			
Quality of administrative arrangements prior to the session		✓		
Quality of the venue		✓		

C. Please use the space below to add further comments on:

Particular strengths of the day

- Practical ideas for field study work,
- Practical ideas for the classroom.
- Improved my knowledge & understanding.

Areas for improvement

Possibility of an extended/longer course (e.g. 2 days)

What difference will this training make to staff and pupils in your school?

- Greater use of the local beach for trips.
- Enrich our 'Seaside' topic in Y2.

How do you intend to take forward what you have learnt?

- *Plan opportunities to bring children to the beach.
- *Use practical ideas in class.

Do you plan to contact any of the presenters following today?

Yes - we have a school visit booked with Steve
next month ☺

D. Have you any suggestions for future events/training you would like us to provide?

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Thank you

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Quality of administrative arrangements prior to the session	✓			
Quality of the venue	✓			

C. Please use the space below to add further comments on:

Particular strengths of the day *Lots of useful subject knowledge. Highlighted activities possible to use.*

Areas for improvement

A venue ~~use~~ for use by a school group if we come a long way.

What difference will this training make to staff and pupils in your school?

Good ideas for science/geography activities.

How do you intend to take forward what you have learnt?
Intend to create a beach visit - may include some plant identification + rockpooling.

Do you plan to contact any of the presenters following today?
Yes - may look into the idea of asking for help on a beach visit. Need to look into which site.

D. Have you any suggestions for future events/training you would like us to provide?

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Thank you

Name: ...

School: ...



PEOPLE NEWS

Seashore learning at marine day



Teachers discover how marine studies can be used in the classroom

TEACHERS were inspired on a marine day conference on the Shoreham Beach Local Nature Reserve.

The conference was attended by teachers from 19 local schools, who participated in a number of workshop activities on the beach to widen their experience and knowledge.

The workshops also explored how the teachers can use marine studies as part of the school curriculum.

Some schools are unable to visit the beach, and the conference aimed to explore how the excitement of the seashore can be brought into the classroom.

Steve Savage, the conference lead and education coordinator on the nature reserve, said: "Not only do we have this fantastic beach and rare vegetated shingle habitat, but the coastal geography of the area is special too, the dynamic processes that formed the spit and continue to shape our coastline, and all this entwined with a fascinating maritime history."

The workshop activities focused on the vegetated shingle habitat, encouraging the

teachers to search for clues as to how plants can not only survive in inhospitable environments, but actually thrive.

They also explored the beach, searching for invertebrates, birds and lizards that visit the shingle habitat.

Steve said: "The vibrant carpet of colour is always a surprise to people not familiar with vegetated shingle especially when you consider the limited soil and freshwater and the challenges of drying sun and winds and the ever present salty sea spray."

Teachers also explored the tide pools, discovering a variety of marine creatures from crabs and shrimps to cockles and sea anemones.

The team then examined and identified the objects they had collected from the shoreline, including crab shells, cuttlefish bone, ray egg cases, whelk eggs and cuttlefish eggs.

The conference demonstrated that the seashore offers a wide range of teaching opportunities, from science and geography to history, as well as art and literacy.

"We introduced teachers to some class based investigations and the use of simple USB

equipment, such as our programme of demonstrating live marine creatures in school using USB microscope devices," said Steve.

"The day concluded with a discussion about the possible impact on Shoreham Beach by climate change, sea level and sea temperature rise and other global issues."

The conference was run in partnership with South East Grid for Learning Associates and was supported by Friends of Shoreham Beach, an organisation which works to protect and enhance the rare shingle habitat from local threats such as human activities.

Steve said: "We received some great positive feedback from the teachers, and we hope that the conference will become an annual event."

"We are already looking to next year's conference, and would love to hear from any schools that might be interested to attend next year."

You can find out more about the marine programme by visiting the Friends of Shoreham Beach website www.closbeach.com, or contact Steve on seawatch17@yahoo.co.uk.

2016

We are planning to run the conference again next year. All delegates said they would be interested in attending next year conference and all participating schools will be contacted early 2016 with details and an invitation to suggest topics and workshops for next year's.