

Resource: 16. Outdoor Classroom Activity - Beach Fieldwork
Appendix: 16.2 -Data Recording Sheet

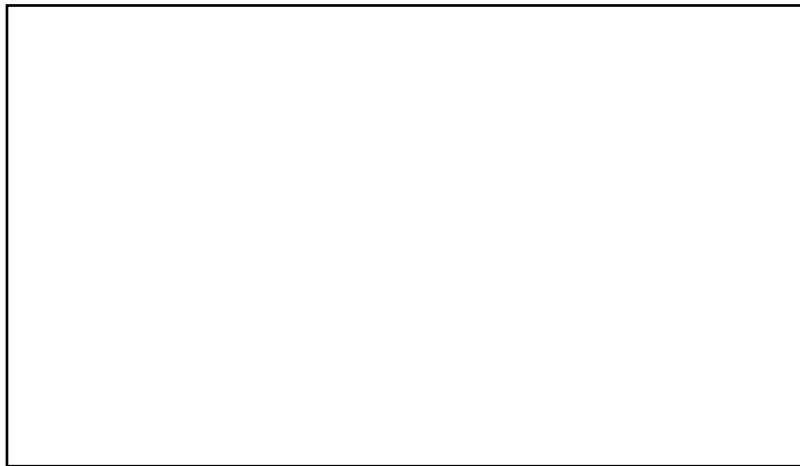
Beach Fieldwork - Data Recording Sheet

Beach Name: _____ Co-ordinates: _____

Date: _____ Time: _____

Part 1 - Exploring the beach

Draw a sketch of the beach. Mark on it where you are standing and answer the following questions.



Number of beach users at time of visit (approximate is okay, e.g. I saw 5 people):

Give a small description of what you see on the beach. Circle which part of your description can be attributed to human actions.

Can you see any marine organisms? (ex.: sponges, sea urchins etc.)

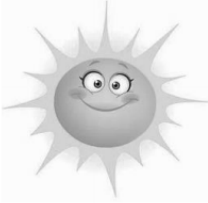





Do you see any benches? Do you see any recreational areas?

Are there any plants and trees?

Can you think of any characteristics that plants growing next to the sea must have?

Part 2: Observing the Weather

a. How is the weather today? Circle the correct picture of the current weather.

		
Sunny	Sunny Intervals	Windy
		
Cloudy	Rainy	Thunderstorms

b. The light intensity is: Mark the most relevant for the day.

Mark ✓ the most relevant for the day.

Light intensity	Meaning	
Very bright	Full sunshine	
Bright	Sun behind patchy cloud or overhead trees	
Dull	Sun obscured by full cloud or thick tree cove	
Gloomy	Overcast sky, raining or dense tree cover	

c. Using a data logger complete the following sentences.

- The temperature today is _____ °C
- The humidity today is _____ %
- The air pressure today is _____ mb
- The UV today is _____
- The wind direction is _____
- Today's wind speed is _____

d. Let's look up in the sky and observe the clouds. Share all you see using GLOBE Observer App. (Optional – if linking with The GLOBE Program).



Part 3: Measuring sea water conditions

Take a sample of sea water using a bucket and complete the following sentences.

- o The temperature of sea water is _____.
- o The pH of sea water is _____.
- o The clarity of sea water is:

Very clear clear poor Very poor

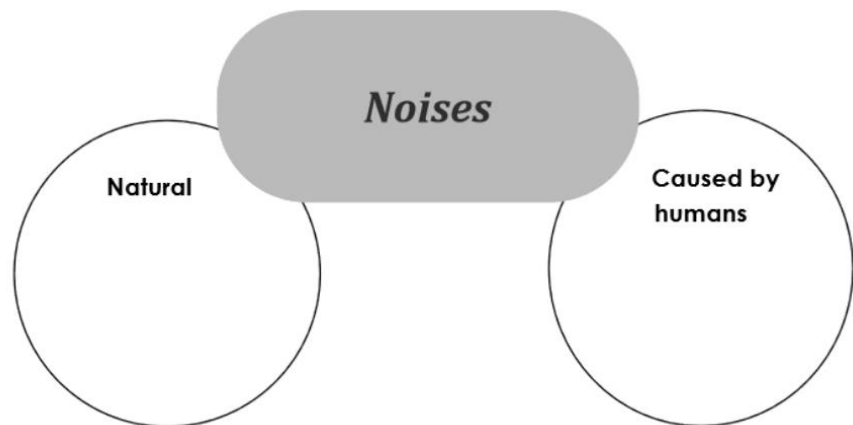
Part 4: Silence Exercise

a. Don't move or make any noise, listen carefully for one to two minutes and tick what you hear from the list below:

- Cars, traffic
- Aeroplane
- Plough
- Shot guns
- Wind

- Birds example robin
- Dogs barking
- Human voices
- The Sea
- Others:

b. Are the noises you heard caused by humans or are they natural? Put the noises you heard under the correct heading.



Part 5: Investigating Marine Litter

Are there any garbage bins and recycle bins around? Are they used?



Is there any litter on the beach?

What, in your opinion, is missing from the beach?

What, do you think, shouldn't be on the beach?

KEEP OUR SEAS CLEAN!

