

Use your scientific skills to describe and identify what you find on the beach. The objects washed up by the waves and tide can tell us a lot about the underwater environment. Please make sure you return everything that belongs on the beach!

1. Find three different kinds of plants, name them and describe/draw them below:

2. Find these items and name them:

a. Something red:

\_\_\_\_\_

b. An example of one animal living on another:

\_\_\_\_\_

c. Something that does not belong on the beach:

\_\_\_\_\_

d. Three types of bivalves (a mollusc with two shells, like a clam):

\_\_\_\_\_

3. Find the sand drift fencing.

a. Why is it there?

\_\_\_\_\_

\_\_\_\_\_

b. How does it work?

\_\_\_\_\_

\_\_\_\_\_

4. Is there any evidence of pollution on the beach? If so, describe three types and how you think they may have got there.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

5. Is the tide: Coming in  Going out  Stationary (staying the same)

a. How can you tell?

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b. Find the high tidemark line. Approximately how many metres from the sand dunes is it?  
You can estimate this by pacing from the dunes.  
What do you see gathered here?

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6. Find a cuttle bone.

a. Describe how each side of the bone is different.

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b. Why do you think the bone is so light?

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c. Is there any evidence of other animals using the cuttle or bone?

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7. Can you find any examples of marine animals that cannot move? (These are probably invertebrates, or animals without backbones). List some here:

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8. As you return to the ramp, there is a large pipe on the right-hand side. What is its function?

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We hope you enjoyed your walk along the beach!