

2. STRANDLINE BOOTY BOX

A tactile collection of objects to investigate found on the strandline of Porthcothan beach, North Cornwall.

1. A lobster claw lobsters have two different types of claw, a cutter and a crusher, this one is a crusher.
2. Wood painted tropical hardwood.
3. Bone animal knee joint possibly sheep or cow
4. A sea bean Gigas
(In Latin - Entada = bean, Gigas = big).
Entada Gigas, commonly known as the **Cœur de la Mer** or **Sea Heart**, is a species of flowering liana in the pea family, Fabaceae. It is native to Central America, the Caribbean, northern South America, and Africa.
5. A lobster tag- letters **LOB**=lobster, the next two **numbers** show the Year, **DFO**=department of fisheries and oceans, **NFLD** =Newfoundland, finally the **last number**
6. Seaweed -a piece of dried up bladder wrack. (Michael Guiry's seaweed website is a source of general information on all aspects of seaweeds)
7. A limpet shell and a mussel shell.
8. A hazel nut.
9. Nurdles (raw unformed plastic).
10. Broken plastic pieces and plastic bottle tops.
11. A swivel this is a piece of lobster fishing gear- each lobster pot has one of these attached to the main rope, the swivel ensures that the pot can turn freely on the rope and helps prevent rope tangles and breakages.
12. Coal- This is coal smoothed and eroded by the ocean -Coal appears on Porthcothan beach almost every day. It comes from a wreck called the

smaller but they still burn.

13. Lego- The great "Lego Spill" of 1997. A container ship, the Tokyo Express, en route from Rotterdam to New York on 13 February 1997, was hit by a rogue wave about 20 miles off Land's End. She tilted 60 degrees one way, then 40 degrees back, and lost 62 HGV-sized containers overboard. One of them held 5 million Lego pieces. Ironically, millions were destined for toy kits depicting sea adventures. Children in Cornwall found octopuses, life jackets, dragons, diver flippers and sea grass pieces washed ashore and, thanks to an inventory provided by a Dutch shipping clerk, beach walkers in Florida, Georgia and the Carolinas are now looking out for the arrival of other elements, such as tiny plastic yellow rafts, swords, pistols,

Gallivan -22 August 1998).

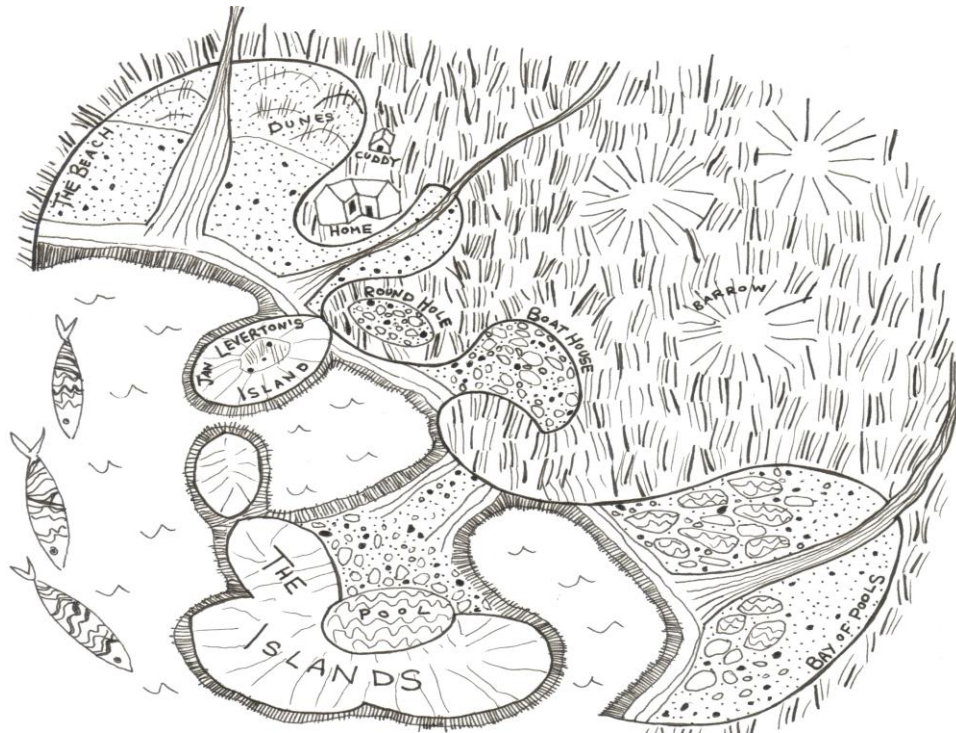
14. Glass.

15. A shotgun cartridge case.

16. A piece of slate- eroded from the cliff.

17. A mermaids purse-Mermaids' purses are the horny egg capsules of skates, dogfish and rays. They are 2-10cm long, roughly rectangular with a bulge in the middle and, in the case of dogfish, with long tendrils that help the capsule attach to seaweed. The egg capsule is tough enough to survive the 5-11 months needed before the hatchlings emerge. The natural habitat for dogfish purses is attached to seaweed below the waterline. However, they are often washed inshore where the developing embryo has little likelihood of surviving. (This definition is from the BBC Oceans website).

18. A photograph of the wreck filled shelves at Glencoe.



A map of Porthcothan by Jane Darke

Strandline booty good or bad?

The strandline marks how far the tide has come in; it varies from day to day and month to month.

Fill in the chart below showing what you could find on the strandline that could benefit the ecology of the beach and what could pollute it.

Benefits to the beach	Pollution of the beach

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