

## Knowledge and Understanding of the World: *Ditectif Traeth* - Beach Detective

*Ceisiwch gael hyd i'r rhain ar y traethlin? Beth am wneud llun o rai ohonyn nhw?*  
Can you find these on the strandline? Why not draw some of them?

1. *Darn o froc môr wedi ei wneud yn llyfn gan y môr.*  
A piece of driftwood worn smooth by the sea.
2. *Asgwrn stifflog, cragen pysgodyn stifflog.*  
A cuttle bone, the shell of a cuttle fish.
3. *Cwpanau wyau'r gragen foch fwyaf.*  
Egg capsules of the edible whelk.
4. *Cragen cranc. Mae crancod yn diosg eu cregyn i dyfu'n fwy.*  
A crab shell. Crabs cast off their shells to grow bigger.
5. *Pwrs y fôr -forwyn. Plisg wyau morgwn neu forgathod yw'r rhain*  
A Mermaid's purse. These are the egg cases of dogfish or rays.
6. *Brenigen. Rwy'n dechrau fy mywyd yn fachgen, ond yn raddol rwy'n troi'n ferch!*  
Limpet shell. I start life as a boy but eventually become a girl!
7. *Misglen/cragen las. Ryw'n byw i tu mewn i ddwy gragen sy'n dynn.*  
Mussel shells. I live inside two shells which fasten together tightly.
8. *Cragen draenog môr. Mae'r cregyn hyn yn eiddil iawn ac yn cael eu torri'n hawdd gan y môr. Pan eu bod yn fyw mae draenogiaid môr wedi eu gorchuddio a phigau.*  
A sea urchin shell. These are very delicate and easily broken by the waves. Sea urchins are covered with sharp spines when they are alive.
9. *Gwymon. Cynefin drewllyd ond pwysig. Os chwilotwch drwyddo byddwch yn gweld ei fod yn llawn bywyd. Mae gwymon ar y draethlin yn sychu'n gyflym.*  
Seaweed. A pongy but important habitat. Have a rummage and you will find its buzzing with life. Seaweed on the strand line dries out quickly and becomes stiff.

## Knowledge and Understanding of the World: Beach Detective

Can you find these on the strandline/nature table?



1. A piece of driftwood worn smooth by the sea.

2. A cuttle bone, the shell of a cuttle fish.



3. Egg capsules of the edible whelk.

4. A crab shell. Crabs cast off their shells to grow bigger.



5. A Mermaid's purse. These are the egg cases of dogfish or rays.

6. Limpet shell. I start life as a boy but eventually become a girl!



7. Mussel shells. I live inside two shells which fasten together tightly.

8. A sea urchin shell. These are very delicate and easily broken by the waves. Sea urchins are covered with sharp spines when they are alive.



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### Possible Foundation Phase Curriculum Links:

- PSD** Skills - show curiosity and develop positive attitudes to new experiences and learning; take risks and become confident explorers of their indoor and outdoor environment; use stories or situations to raise questions about why some things are special; develop a growing interest in the world around them and understand what their environment has to offer when playing alone and with others.  
Range - activities in the indoor and outdoor learning environments; activities that allow them to use their senses, to be creative and imaginative; activities that allow them to become independent learners.
- LLC** Skills - listen to and carry out instructions; listen and respond appropriately and effectively, with growing attention and concentration; view and listen carefully to a variety of visual and audio-visual stimuli.  
Range - experience activities in the indoor and outdoor learning environments; extend their vocabulary through activities that encourage their interest in words.
- KUW** Skills - exploring and experimenting; making comparisons and identifying similarities and differences; communicating observations and measurements; using and becoming familiar with common words and phrases for their world.  
Range - explore a wide range of stimuli; investigate indoor and outdoor learning environments, as well as including natural conditions as they arise; identify some animals and plants that live in the outdoor environment; recognise how people's actions can improve or damage the environment; develop an awareness of, and be able to distinguish between, made and natural materials.