

Scoil na Mara Episode 3: Fun in the Intertidal Zone



- **NUMBERS, COUNTING & MATHS**

Calculate (or for younger learners use an educational clock) to write out the tide times for high tide and low tide over a week. Each tide time gets 12.5 hours later every cycle. Look up tide tables or tide times online to get a starting time and calculate each tide time over the week from that starting time. Compare your calculated tide times with the tide tables and note that there will be differences as it's not exactly 12.5 hours every cycle.

- **INTERTIDAL ART**

You need: crayons to draw and blue paint watered down so that it's more of a blue wash.

Instructions:

1. Using crayons

- Draw and colour rocks. Lean quite hard on the crayons as you colour.
- Add animals you have learnt about - limpets, dog whelks, beadles anemones, mussels, shore crabs, barnacles (and others if you like!).
- Add some kelp with the fronds floating up. Don't forget the holdfast attaching it to the rock.
- Add some sand or other seaweed.

Now the tide comes in or 'floods'! ...

2. Paint over the whole picture with your blue wash. You will notice the crayons don't absorb the paint and you will have a beautiful underwater scene showing seashore biodiversity!

3. Give your picture a name!

Anagrams Worksheet | Episode 3 | 3rd - 4th classes

Unscramble the letters in the anagrams and write the correct words:

eroapdtr	-----
eas noaemne	-----
taignedlri nezo	-----
shoptshisnyeto	-----
itrefl deerfe	-----
vysiboiredti	-----
laega	-----

Write seashore sentences for four of the words!

1. _____
2. _____
3. _____
4. _____