

## Prior Learning...

- First hand observation to enhance locational awareness.
- Basic needs of plants and animals
- Most living things live in habitats to which they are suited
- Identify a range of animals and plants in their habitats.

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## Knowing about our environment

Learn to identify features, name & classify flowering and non-flowering species of vegetation found on West Kirby beaches:-



White clover	Reeds
Thrift	Marsh Samphire
Burnet rose	Wild carrot
Yellow wort	Sea radish
Birds foot trefoil	Sea beet
Sea lavender	Serrated wrack
Common Saltmarsh grass	Knotted wrack
Marram grass	

Learn to identify features, name & classify vertebrate and non-vertebrate species of creatures found on West Kirby beaches:-



Lugworms	Grey heron
Cockles	Little Egret
Barnacles	Oystercatcher
Periwinkles	Curler
Limpets	Redshank
Starfish	Gulls
Razor clam	Knot

## Summer 2 2021

## Knowing how to take care of our environment

Learn about the positive and negative impact humans can have on the local environment in relation to particular physical features and habitats in West Kirby.

- Taking photos we can keep a harmless record but picking flowers/plants prevents them growing for next year.
- Letting dogs run on the beach can disturb flocks of feeding birds in winter. The birds need energy for their long flights.
- Picking up litter keeps everywhere safe and clean. Dropping litter causes pollution.
- Introducing non- native species of plant or animal may upset the balance of that ecosystem putting the survival of some native species at risk.
- Using too many natural resources so they cannot be replenished and may run out.

## Knowing where we are:

West Kirby is a small town at the mouth of the River Dee on the Wirral peninsula ...



## Vocabulary Dozen

<b>Topographical/ Physical features</b>	The natural environment- land & water e.g. river estuary, sand dunes, cliffs.
<b>Human features</b>	Modifications to physical features made by humans e.g. buildings, bridges.
<b>Vegetation</b>	Plants found in a particular area.
<b>Native / non-native species</b>	Native species are the types of plants & animals found naturally occurring in that habitat. Non- native species have been introduced accidentally or deliberately to that habitat.
<b>Habitat</b>	The natural home of an animal or plant
<b>Ecosystem</b>	The community of plants and animals living & interacting together.
<b>Vertebrates/ invertebrates</b>	Animals with a backbone/ Animals without a backbone.
<b>Natural resources</b>	Materials or substances which occur in nature which are useful to humans.
<b>Coastal erosion</b>	The loss of coastal land due to the force of the sea/ weather/ human activity.
<b>Pollution/ Pollutants</b>	Something introduced to the environment which has harmful effects.
<b>Sustainable development</b>	Responsible use of natural resources to meet human needs now & protect resources for future generations.
<b>Sea defence</b>	Measures aiming at protecting low-lying coast from flooding and erosion.

## Home Learning conversations

## Key Questions (talk to an adult in your family)

- What animals live on the coast of West Kirby?
- What are their habitats like?
- What impact are we as humans having on them? How can we help them?
- How has the coast changed in living memory?
- How might the coast change in the future?
- What changes are planned and why?

