



Activity	Key Skills			National Curriculum		Q.C.A	
	Identification	Biological vocabulary	Analysing data	Science	ICT	Science (Habitats, adaptation)	ICT (Information and presentation, data)
<b>Zonation</b>	*	*	*	*	*	*	*

**Learning objective:** By the end of the session pupils will understand what adaptations and zonation of plants and animals are on a rocky shore.

**Description:** This study looks at the concept of zonation on the rocky shore. The students use quadrats to find the distribution of plant and animal species along a transect down the shore.

AIMS	FIELDWORK	ICT
<ul style="list-style-type: none"> <li>On a transect from the low tide zone to the high tide zone, record the percentage cover of plant and animal species using a 1m<sup>2</sup> quadrat. Record your findings every 2 metres along the beach.</li> <li>Draw and annotate a profile of the rocky shore. Indicate the different tidal zones and the species present there.</li> <li><b>Keywords :</b> Adaptation, rocky shore.</li> </ul>	<ul style="list-style-type: none"> <li>Quadrat at different zones on a rocky shore.</li> <li>Collect and identify animal species.</li> </ul>	<ul style="list-style-type: none"> <li>Design a power point presentation showing results.</li> <li>Insert photos.</li> <li>Create a kite diagram illustrating results</li> </ul>