



Programme Outline

Year 5/6 - Classification, Adaptations and Evolution

National Curriculum Links: Science: Classification, Adaptations and Evolution			Location: Fishbourne Meadows & Dell Quay			Duration: 4.5 hours		
Learning objectives		Session Structure					Assessment for Learning	
<ul style="list-style-type: none"> To be able to describe how living things are classified into broad groups according to common observable features. To be able to use observable features to classify animals into different broad groupings. To explain how variations between different animals of the same species are linked to competition and survival of that species. 		<p>Introduction The programme usually starts at Fishbourne, where the children are introduced to Chichester Harbour, the Conservancy and learning objectives.</p> <p>Session Activities Walk to Fishbourne stream. Stream dipping activity, physical features and keys used to identify different animals.</p> <p>Summary – Which features were used for identification? How do these features aid survival?</p> <p>A walk following the coastal path to Dell Quay. Lunch at our classroom in Dell Quay.</p> <p>In the afternoon, the children will carry out a classification activity in the classroom, sorting the animals found in the stream into different groups based on their features. Variations between different animals in the same species identified and linked to success in competition and survival.</p> <p>Shore line investigation into observed differences between shore crabs. Variations identified and linked to survival of crabs before returning to classroom.</p> <p>Variations in crabs linked to adaptation, competition and ultimately natural selection and evolution.</p> <p>Crab Claw investigation into which type of claw is most successful in feeding.</p> <p>Plenary Question and answer session using language introduced during the day.</p>					<p>We will use a variety of activities to encourage the children to reflect on their learning and feedback in small groups or as individuals.</p>	
Key vocabulary: Habitats, Classification, Adaptation, Features, Variation, Survival, Competition, Extinct, Natural Selection, Evolution.								