

# Connecting to Nature

## Heysham Nature Reserve

### School Activities for KS1 and KS2

#### **Pond Dipping NC Links: Science**

**Adaptation and feeding relationships of living things in their environment. Variation and classification of minibeasts.**

Demonstrating responsible handling of living things. Pond dipping using nets and trays to identify a range of freshwater invertebrates. Using ID charts, key features and characteristics and discuss life cycles, adaptations, habitats and job descriptions of the animals.

#### **Seeds of Life NC Links: Science**

**Life processes, growth, nutrition and reproduction in plants, including pollination, seed formation, seed dispersal and germination.**

Practical activity work in groups to explore the growth and germination of plants, games played to reinforce life processes and practical hands on activities to sow and grow plants through seed collection.

#### **Animal and plant adaptations NC Links: Science**

**Plant and Animals. In different habitats and how they are suited to their environment.**

Sessions look at animals and their adaptations, examples of different ways in which living things, mammals and insects fit into their habitats.

Activities include exploring specimens with magnifiers, exploring habitats at the nature reserve and designing their own minibeasts and games.

#### **Minibeast hunting NC Links: Science**

**Adaptation and feeding relationships of living things in their own habitats. Variation and classification of minibeasts and responsible handling of living things.**

This session will give children the opportunity to do minibeast searches. The children will use collecting trays, magnifiers, and identification sheets to help them discover interesting facts about the minibeasts, including adaptations, diets and life cycles.

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### Stone Age NC Links: History

**Provide a broad history about the stone age to help pupils gain an understanding of Britain's past and that of the wider world.**

Stone Age sessions include presentations, activities and practical tool creations. Opportunity to explore artefact tools and uses. Provide an emphasis on wildlife and natural and local materials used.

### Evolution and Heritage NC Links: Science

**Recognise that living things have changed over time and that fossils provide information about what inhabited the Earth Mya. Identifying these adaptations to suit their environments in different ways which might have lead to evolution.**

Sessions include exploration of the variation in wild species, looking at causes and purposes of selective breeding and natural selection and how these adaptations have helped survival in conditions such as cold or arid environments.

### Environmental Impacts NC Links: Science & Geography

**Recognising that we all have a responsibility to care for the plant and that our actions can impact on the environment.**

Children will learn about how human actions such as burning fossil fuels, not disposing of rubbish properly and so entering our marine environment and the consequences of continually buying are just some of the topics to cover. Sessions that can be adapted for classes or assemblies will look at these impacts on land and in the sea, show what actions others are taking worldwide and guide the children to take action themselves.

**We also explore nature through art work and happy to discuss any ideas. Sessions can be outreach, at Heysham Nature Reserve or in a local environment such as Morecambe Bay.**

**For more information about our Reserve, fees or outreach work, please contact Emma via email: [egarston@lancswt.org.uk](mailto:egarston@lancswt.org.uk) or 07717366812**

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The Wildlife Trust for  
**Lancashire  
Manchester &  
North Merseyside**