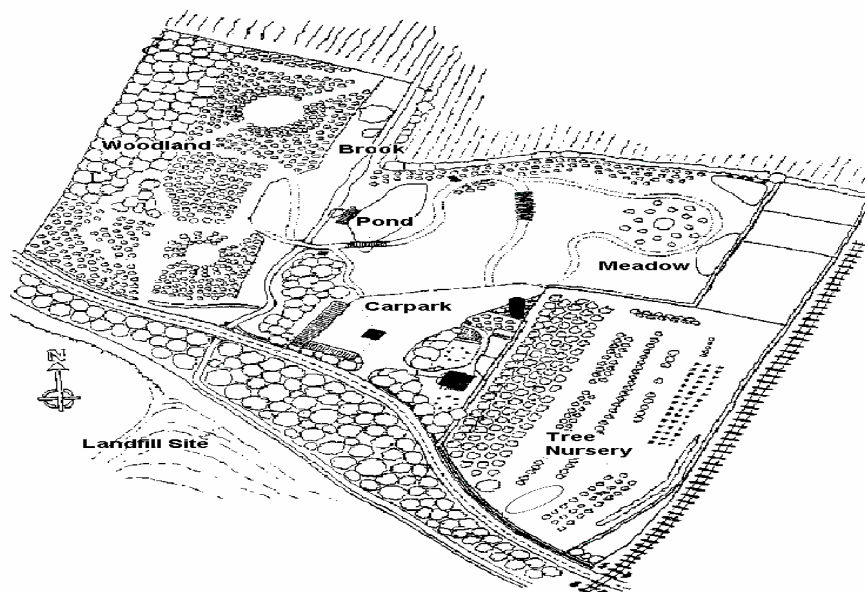




# Randalls Farm

## Environmental Education Centre

Since 1994 Randalls Farm has provided a unique environmental experience to schools visiting the site. To complement this service, we have developed a number of programmes for students studying for GCSEs and carrying out school, college or university projects.



These are some of the projects that we have developed with schools and students, and which can be customised to suit the different requirements of each visiting group. We are also willing to work with groups developing new programmes.

### **Dealing with waste (1 day)**

Looking at how people and nature deal with waste; how landfill sites are constructed and why there are so many in Marston Vale; study pollution indicator species; and take a look at decomposers in the woodland. After lunch, devise and carry out an experiment to study how different materials decompose at different rates and the size of the organisms that may be effective in the process.

Return in 3 months to study the results (2 hours)

**The rock cycle** (2 hours)

Identify different rock types according to their characteristics and study how they were formed. Using keys identify different rocks within each type.

**Data collection** (1 day)

Collect and compare data from a variety of conditions to use as a basis for statistical analysis.

**Forest Schools** (Key Stages 1 and 2)

A 12-week programme to develop personal and interpersonal skills in a woodland setting.

**Sampling** (2.5 hours)

In the De Montford Flower plot, using a particular plant, study its frequency using random sampling techniques and analyse the results and the techniques used.

**Water study** (1 day)

Study and compare the quality of the water in Elstow Brook with Stewartby Lake. Discuss the effects of human activities on rivers in this region and adaptation of river animals and plants. Test for nitrates, phosphates, dissolved oxygen, pH and temperature and use biotic indices.