

Curriculum Links for visits to Learning Farm

Art & Design

Using nature in design – printing, models, painting, sculpture
Nature/animal photography
Natural dyes

Citizenship & PSHE

Where our food comes from
Growing your own food
Renewable energy – solar & biomass

Design & Technology

Automatic weather monitoring
Biomass heating systems & solar heating
Animal feed mixing plant
GPS and GIS in farm cropping

English

Topical issues – organic farming, conserving wildlife, renewable energy
Writing farming/gardening diary
Animal stories/poems



Physical Education

Farm walk
Hill rolling

Science

Crop husbandry, Integrated management, chemical use, minimal tillage, plant nutrients
Pond dipping and identification of freshwater invertebrates with magnifying pots and microscopes
Habitats and wildlife, habitat management
Soil science
Seasonal changes, weather, water cycle
Food chains and ecosystems
Birds and identification of species
Plant and insect identification, use of keys

Geography

GPS and GIS in farm cropping, soil management, fertiliser application
Human influences on the farmed environment.
Soil science & basic soil testing
Water cycle



History

Scheduled Ancient Monument of Augustinian Abby and fish pond earthworks
History of farming and traditional management techniques



Mathematics

Measuring weather and graphical interpretation
Measuring growth in crops
Collecting ecological data
Water flow in streams

ICT

Farm maps and crop recording
Electronic weather data for graphical display
GPS and GIS

Religious Education

Harvest festival
Augustinian Abby links and history of church in Owston

Music

Birdsong and sounds of nature
Natural instruments