

Links to KS1 New Science curriculum

Nature Day in the Summer Term: using the Forest Trail and *OneOak*, meadow and pond

Links to KS2 New Science curriculum

Year 3: Plants - Identification and life cycle

Year 4: States of Matter

Years 4/5/6: Living things and their habitats

Year 5: Forces - Levers, pulleys, gears

Year 6: Evolution and Inheritance

Links to KS2 New History curriculum

a study of a theme of history: Combe Mill from the Domesday survey of 1086 to the industrial revolution and present day.

a study of an aspect of history: significance of life as a Victorian worker in Oxfordshire compared to now.

Links to KS2 Year 5/6 New Maths curriculum

Exploring maths skills in real-life situations in the fields of science, engineering and technology.

Your visit can be any combination of activities

Mill Tour

See the Waterwheel and Steam engine; use models to demonstrate changes of state and the power of steam; investigate levers, gears and pulleys found in the Mill. Operate a replica water wheel to measure water flow and revolutions per minute.

Forest Trail and *OneOak*, Meadow and Pond

Explore varied habitats for birds, mini-beasts and small mammals on our ancient Mill Wood trail; make a clay model of an animal; study the life cycle of trees grown as a renewable crop; identify trees and make a memory stick of your visit.

Classification, food chains and life cycles using our wild meadow; pond dipping.

Bushcraft and Woodcraft

Design and build a den using ropes and wood; construct and decorate a log car or wooden pendant.

Forge:

Make a mini poker with skilled Blacksmiths - £2 each. Groups of 6/7 at a time for safety reasons.

Carpentry Pattern Workshop:

Reconstruct a model wooden cart wheel and gate; handle tools and artefacts and become a carpenter's apprentice operating a treadle wheel. Make a mould using wooden patterns (shapes) as used for casting metal objects.

Exploration Area:

Construct your own models of pulleys, gears and waterwheels using K'nex; invention timeline challenge; heat a metal coil to see its use as a temperature gauge; investigate the use of gears and pendulums in our clock display; use typewriters; additional relevant activities are available if time permits.

Foreman's Office:

Meet our 'workers' using video diaries and census and mill records, dress up in Victorian clothes and experience life then compared to now.

Costs:

£4.50 entry fee; mini poker/clay model/log car/wooden pendant £2 each; £12 access fee for Forest Trail.

Visits are led by Mill volunteers March to October (exc. Wednesday). They typically consist of 3/4 groups rotating in one hour sessions. We can also tailor visits for KS1, KS3 and Youth Groups. Education Co-ordinators Julie Bouchier 01993 898437, Jen Hurst 07932 065742 education@combemill.org or Combe Mill Society Chairman: Tony Simmons 01993 891851 tony@combemill.org