Cúrsaí Teagaisc

Meán Fómhair – Gairdín Coillearnaí na Scoile

Paddy Madden continues his series of SESE tips

November

Hands-on — the school woodland garden

coil Treasa Donore Avenue woodland garden in the school?

It teaches children in a practical way about biodiversity 🖝 It connects them to the changing seasons in a very visual way 🖝 It enables them to 'read' a woodland edge or native hedgerow It is a peaceful retreat on the

school grounds.

Planting

About six months before planting place cardboard, black plastic or old carpet in designated area to kill weeds and grass.

Plant bare-rooted whips (0.5-1.0 m high plants) c.2m apart in any month with an 'r' except April and September.

Before planting make T shaped slits in the ground with a spade. See www.blackrockec.ie and click on 'Current Projects' and 'November'. Place a few thick layers of wet newspapers around the base of the whips to preserve moisture and suppress weeds. Cover this with bark mulch.

Make sure to leave room for a serpentine path through the woodland about 2m wide.

An area in the school grounds devoted completely to a woodland edge habitat. Usually it's situated in a corner of the playground or a playing field.

Background information

A mini-wood should have four layers to increase biodiversity in the school grounds. The layers are as follows:

Ground layer

Made up of decomposing leaves and wood which encourage decomposers such as slugs, snails, worms, woodlice and millipedes. These in turn are eaten by centipedes and pygmy shrews. The latter are preyed on by birds, hedgehogs and badgers.

Flower layer

Shrub layer: Holly, hawthorn, hazel, Made up of flowers such as bluebells and primroses which are opportunists. They bloom in the spring when no shade is cast by the leaves. Insects pollinate them at this time because they like light and warmth which will be missing later in the year when the leaves emerge.

Follow-on work

Flower layer: Bluebells, primroses,

wood anemone, ferns, wild garlic.

crab apple, honeysuckle.

Tree layer: Rowan, silver birch,

alder, ash, oak.

1. Make a log habitat at the back of the woodland using logs and black polythene. Place the polythene under the logs to prevent the spread of the honey fungus.

2. When damp, dappled shade develops Suitable after a couple of years, sow the flower representative plants layer. N.B. Use native bluebells for three layers rather than the Spanish ones.

> 3. After about five years thin the trees and shrubs to provide more room and light.

4. After about seven years many native

trees can be cop-

piced viz. cut down to c. 30 cm from the ground. This prevents the trees from get-

ting too big. They will grow again!

Hart's tongue

Shrub layer

Made up of shrubs such as hazel and holly which produce food for birds and mammals in the autumn and winter and provide nesting sites for birds.

Made up of trees which dominate the other three layers. These trees provide food and nesting places for birds and mammals as well. They are linked to the ground layer by depositing their leaves there.

Pathway through woods at Lough Key Forest Park, Co.Roscommon, Ireland