

I-Spy Lichen, Flowers and Grasses in the Churchyard

Lichen



Grey encrusting lichen, *Caloplaca teicholyta*

score 2

By measuring its diameter and looking at the date on the gravestone we can work out how fast it is growing.

Diameter is _____ cms.

Date on gravestone is _____.

So its age is about _____ years.

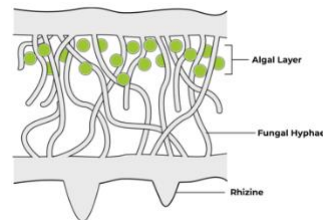
Rate of growth is _____ cm/year.

score 5 if you have worked this out.



The orange star lichen, *Caloplaca flavescens* forms colourful bright yellow/orange circles on limestone. score 3.

The central area looks like crazy paving with a hand lens. score 3 if you have seen this.



Lichens are a combination of an alga and a fungus.

The alga makes _____

The fungus makes the _____

score 3 for both correct.



There are more lichens on limestone/sandstone gravestones.

There are more lichens on the east/west facing side.

score 2 each time if you deleted the correct one.

Flowers



There are 2 types of daisies

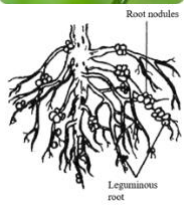
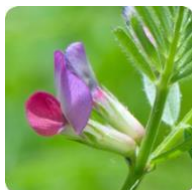
small _____ daisy score 2

tall _____ daisy score 2



Buttercups are yellow score 1

Another yellow flower is _____ score 4



Sainfoin score 2

Common Vetch score 2

They are both in the pea family. Their root nodules

fix _____ score 2



White Dead Nettle

score 2

Look inside the flower to see fairy shoes

score 2



Dog Rose score 2

Its seeds are called _____ score 2

They are _____ in colour. score 2

Red, White and Blue



Field Poppy

score 2



White Campion

score 2



Germander

Speedwell

score 2

Grasses

Grasses named after animals



Cocksfoot
 score 2
 Its deep root and tussocky growth enable it to survive drought.



Meadow Foxtail
 score 2
 Upright and bushy tailed providing food for caterpillars of the Essex skipper butterfly.

Grasses that have been bred for cereals



Wall Barley
 score 2
 Children use them as arrows as they stick to clothing.



Rye Grass
 score 2
 Both perennial and annual types occur.



Wheat
 score 2
 Often bird sown.



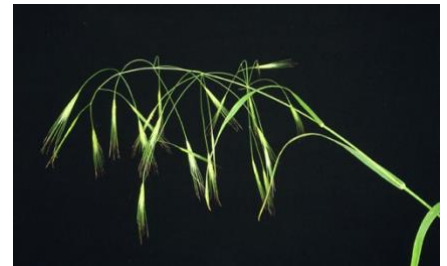
Wild Oat Grass
 score 2



Timothy Grass or Cat's Tail
 score 2
 The pollen is a common allergen and has been used in the development of a hay fever vaccine.



Yorkshire Fog
 score 2
 Coarse grey-green leaves with a purple tinged flower head.



Sterile or Barren Brome
 score 2
 Very long spikelets on long stalks

Grasses in your lawn



Creeping Red Fescue
 score 2
 Also good for golf courses.



Browntop Bent
 score 2
 Good for golf course greens.



Smooth Stalked Meadow Grass
 score 2