

Evergreen Evidence!

Can you identify tree types at The Model Village, Godshill?

- ✓ There are over 250 varieties of trees at The Model Village.
- ✓ Most of these are conifers which are evergreen and keep their leaves all year.

STUDENT INTRODUCTION

- ▶ Scientists use Latin names to help identify different species.
- ▶ They use characteristics that they can see to help decide if it's a new species.
- ▶ These characteristics include things like colour, shape of leaves, branching, etc.
- ▶ As you look at the different trees around the village, make a note of the differences you can see.

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Cedar



Fir



Juniper



Larch



Pine



Spruce



Yew

NAME:

STEP 2

- » Please do not cause damage to any of the trees as you fill in the table!
- » Answer the questions below for each of your 5 chosen tree types:

Question	1:	2:	3:	4:	5:
Colour: (ie light green, dark green, blue/green, grey/green, yellow/green, etc)					
Leaves: are they needle type or scaly type?					
If needles, are they attached to the stem in bundles or individually?					
If it has needles, are they short or long?					
Are the needles prickly or soft?					
Do the leaves (whether they are needles or scaly) go all around the stem or is the stem woody?					
ONE other distinguishing feature about each of your 5 choices					

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WHAT SPECIES?

» Choose at least three of your five chosen tree types and sketch the leaves below:

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Looking at your table on page 2, your sketches, and the images on page 1, use the following information to identify your tree type. Write your tree types next to the numbers 1-5 on page 2.

PINE	All pine needles are in bundles which can be in groups of 2 -5
LARCH	Needles are in large bundles of up to 50 needles
SPRUCE	Individually attached needles that have 4 sides to them and are attached to the stem in a spiral
FIR	Needles are individually attached by what looks like a 'suction cap', needles are flat
CEDAR	The needles are scale like and attached individually to the stem in groups
JUNIPER	The scales lie flat on the stem
YEW	Needles spiral around the stem and are flat

Can you find out the trees' Latin names when you return to school?

EXTENSION

PLANTS

1. Find out what **coarse bonsai** is during your visit. Describe it:

2. Find an example and sketch it below:

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3. Describe the **characteristics** of the bonsai you have chosen, explaining why it is ideal for use in a model village:

