

BENTLEY

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WOODLANDS WORKSHEET – KS2

Remember 2 important things when you visit the wood.

1. It is the home of many living things, so walk quietly and try not to disturb their homes.
2. Woods can be dangerous; some plants and toadstools are poisonous and woodpiles can fall down and hurt you if you climb on them.



Reading the information boards will help you to answer the questions.

SQUIRREL POST

The wood is teeming with life. Look around you and list 3 objects which show evidence of animals and birds living here.

1

2

3

OAK POST

Finish these sentences.

Most **e** _ _ _ _ _ trees keep their leaves all year round.

Most **b** _ _ _ _ _ trees are **d** _ _ _ _ _ (they lose their leaves in winter)

The seeds of **C** _ _ _ _ _ trees are protected in cones and their leaves are like **N** _ _ _ _ _.

Towards the centre of the wood under the coniferous trees it is dark, cool and drier, but nearer the edges broadleaved trees are growing. Which do you think are better for wildlife and ground plants?

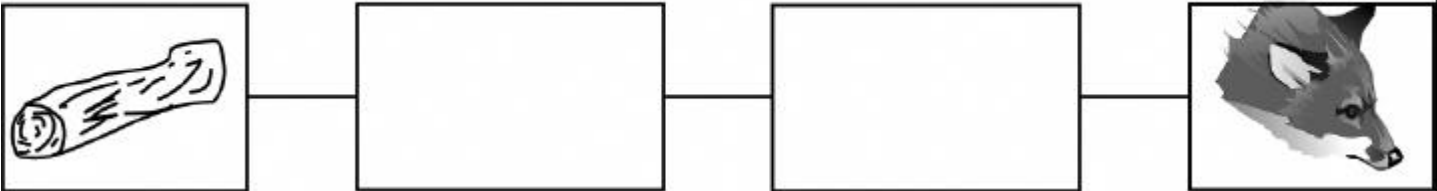
How can you tell?

CENTIPEDE POST

If we leave rotting wood lying around its goodness will return to the soil. It also provides food for many tiny creatures which in turn are eaten by larger animals and birds. Look very carefully at a minibeast and draw it and a bird in the food chain diagram below.

Rotting wood

Fox



BAT POST

We encourage almost all animals and birds in our wood at Bentley, including bats, but others damage tree bark. Name these three:

- 1
- 2
- 3

WOOD PRODUCTS POST

Wood is a very useful material. It can be made into timber, or used by craftspeople (see our woodcarver at work in the barn) and waste bits can be used as fuel.

Answer yes or no the following questions.

	Wood	Iron	Polythene	Paper
Is it found naturally?				
Can it be scratched easily (is it hard?)				
Does it conduct electricity well?				
Does it conduct heat well?				
Can a useful product be made by burning it?				

CATERPILLAR POST

From this post to the next is the same distance as the height of the tallest tree in the world, a Giant Sequoia in California. Make a circle nearly 8m across to see just how big the tree is. You will probably need about 10 friends and the help of an adult.



MAN POST

Trees are very important because green leaves take in a gas from the air called carbon dioxide and give out oxygen, which is essential for human beings (and all other living things). Bentley's wood can clean up the CO₂ produced by about 10 cars each year!

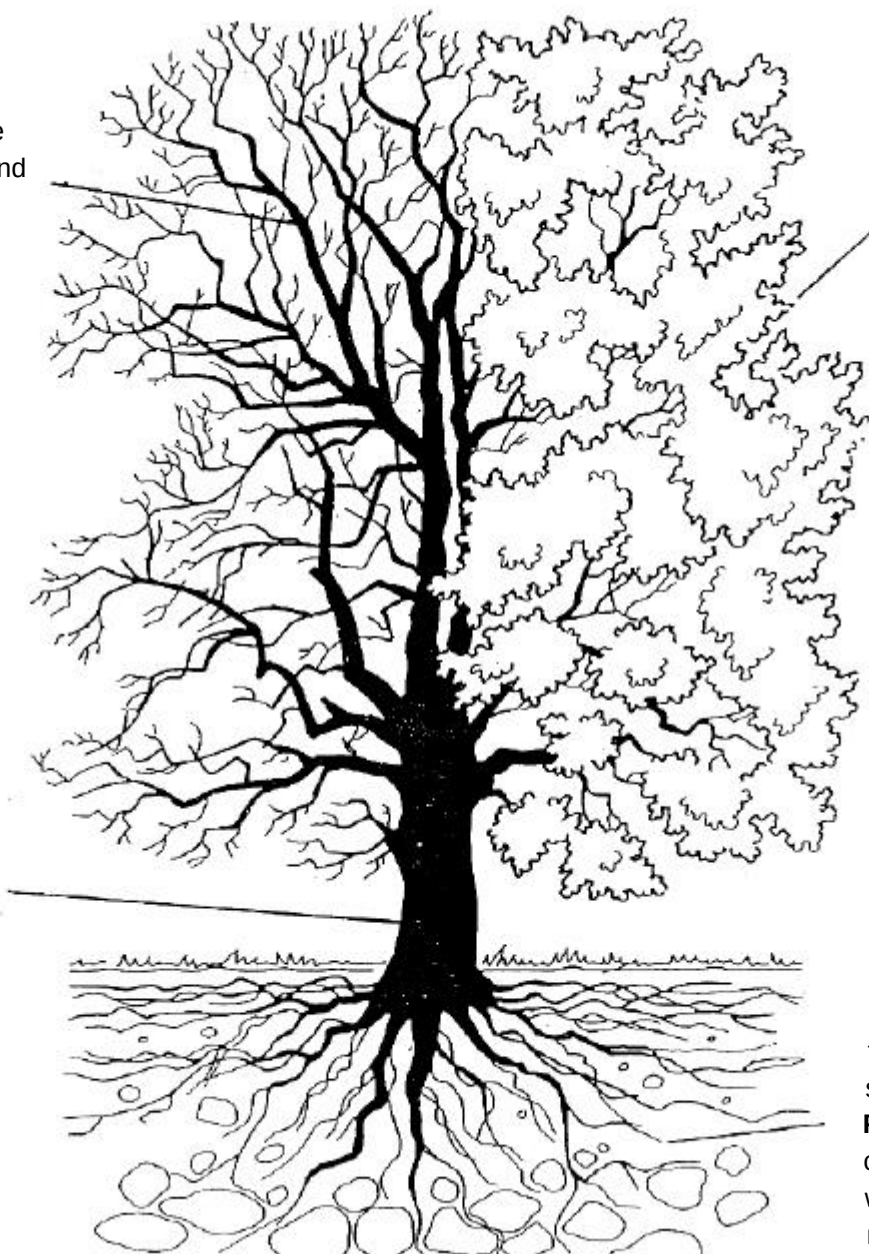
What 3 other things do green plants need in order to produce oxygen and sugars?

1

2

3

The branches hold the leaves out to the sun and carry water, nutrients and sugars to different parts of the tree.



The trunk

The Leaves are the food factories of the tree. They use sunlight, water, nutrients and carbon dioxide (in the air) to make sugars and oxygen.

The roots: Woody roots anchor the tree to the ground and store sugars over winter. **Fibrous roots** are covered with fine hairs which absorb water and nutrients from the soil.