

Ewhurst LEAP Treezilla activity

Treezilla is a citizen science project that is aiming to encourage members of the public, local authorities, business, local groups and other organisations to collaborate in mapping, measuring and monitoring trees across the United Kingdom and Republic of Ireland.

Trees are extremely important features of our natural and urban environments. Among other things, they provide homes for other wildlife, improve the look and feel of our surroundings, store carbon dioxide, keep towns and cities cool and remove pollution from the air. It is vital that we look after our trees properly but to do that we need to know which species and varieties are planted where, how many there are, and what condition they are in.

At present, the information that we have about trees in the UK is quite limited, particularly in urban areas, and very little of it is available to the public to view in an easy-to-understand way.

Treezilla's mission is to improve our understanding of trees and their benefits by bringing people and organisations together to work together mapping, measuring and monitoring our trees.

Ultimately, we hope that the data we all collect will be used by scientists and environmental managers to improve our understanding of trees and help us look after them better. Treezilla is free for anyone to join and contribute data. You can view information about any tree on the map by clicking on it.

More info: <https://treezilla.org/about> and <http://ewhurstleap.org.uk>

Summary of the activity

Today we will split into pairs (keeping 2m apart). Choose a tree or trees to survey. These must be single trees on public land, not part of woodland. They can be hedgerow trees. Fill in as much of the form as you can. Don't worry if you can't do some of it - the important thing is to get the trees on the map.

Send any photos to us afterwards so they can be uploaded with the details.

Extra information sheet

Crown shapes:



You will need:

- Tape measure
- Camera
- Pen or pencil
- 45 degree set square

Trunk condition assessment:

- - Very good: No significant signs of disease, damage or decay
- - Good: 6-10% of trunk has signs of disease, damage or decay
- - Fair: 11-25% of trunk has signs of disease, damage or decay
- - Poor: 26-50% of trunk has signs of disease, damage or decay
- - Very poor: 51-75% of trunk has signs of disease, damage or decay
- - Moribund: >75% of trunk has signs of disease, damage or decay

Reason for any damage on trunk:

- - No damage visible
- - Animal
- - Mechanical
- - Tree tie
- - Vandalism
- - Weather/ lightning
- - Unknown

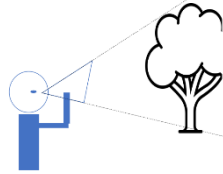
Measurement of tree no. _____

Where exactly is the tree?

Tree species:

Tree height:

(Use a 45 degree 'set square'. Hold it close to your eye. The short edge should point to the base of the tree. Carefully walk away from the tree until the long edge points to the top of the tree. Pace out the distance to the tree. The height of the tree is:



Tree height = your distance from the tree in paces x length of one pace

Height to base of crown:

(Estimated by eye)

Crown diameter:

Crown shape:

(See extra sheet)

Tree trunk circumference at 1.5m from the ground:

(Use the tape measure. If there is more than one trunk, measure around the whole lot at the narrowest point.)

Trunk condition and reason for any damage:

(See extra sheet)

Take a photograph of the whole tree. Time taken:

(note the time of the photo so we can match the photo with this sheet!)

Take a photograph of the trunk so you can see the bark

Take any extra photographs to help show where the tree is

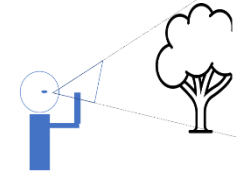
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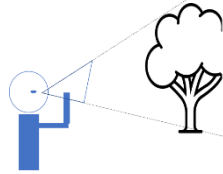
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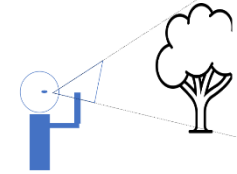
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