

Fernhill Park & Gardens Tree Tag Checklist



Environmental Benefits of Trees

Climate change: Trees sequester carbon(CO2), reducing the overall concentration of greenhouse gases in the atmosphere. **Energy conservation:**

A tree is a natural air conditioner. The evaporation from a single tree can produce the cooling effect. Tree windbreaks can reduce residential heating costs.

Water filtration and retention: Urban forests promote beneficial water quality and reduce storm water management costs. Trees capture and slow rainfall and their roots filter water and recharge the aquifer. Trees reduce storm water runoff, which reduces flooding, saves city storm water management costs, decreases the flow of polluted water into the rivers and seas, and protects from erosion. **Wildlife habitat:** Trees provide important habitats for numerous bird, insect and animal species.

Conifer Trees:

Mostly evergreen with straight single trunks, cone bearing and needle or scale like leaves.



I am a _____

I am a _____

I am a _____

I am a _____

I am a _____

Which tree has the greatest leaf area? _____

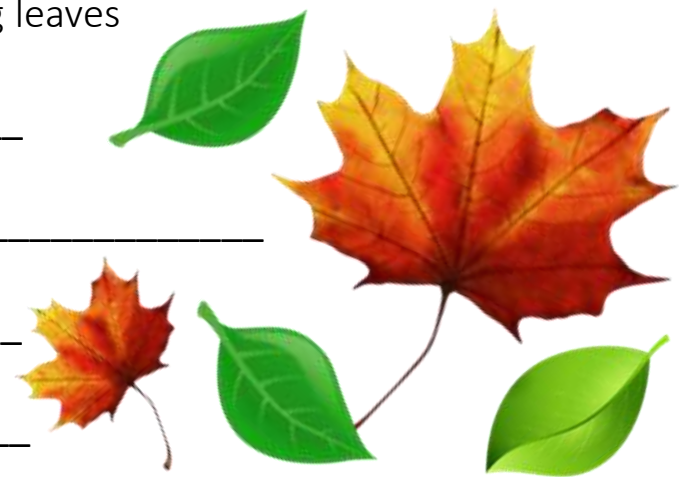
Which Conifer tree produces the greatest number of days of oxygen for one person? _____

Which Conifer tree stores the most water? _____

Which Conifer tree stores the most CO2 ? _____



Broadleaf trees: trees which do not have needles. Their leaves are broad and vary in shape, and most of them are deciduous. They are best adapted to conditions in most of the UK, and the pattern of losing and gaining leaves



Which tree has the greatest leaf area? _____

Which broadleaf tree produces the greatest number of days of oxygen for one person? _____

Which broadleaf tree stores the most water? _____

Which broadleaf tree stores the most CO2 ? _____



I am a



I am a



I am a



I am a



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Which is your favourite tree? _____

To discover more benefits of trees check out https://www.dlrcoco.ie/sites/default/files/atoms/files/1336_infosheet_tree_benefits_2.pdf