

YOUR TREE - OUTDOOR ASSIGNMENT, VvPelt, Ir. Lelylyceum 2018

Name :

Class :

Date : Season:

Choose a tree outside (near school or near your home).

Take 3 pictures of your tree: one of the trunk in close-up, one of a branch, one at 15 m distance.

Bring two leaves into class.

- In class we will use the plastified classification key to classify your tree.

The Dutch name of your tree is:

Can you find the English name? And the Latin name?

Now, cross the right answer in the boxes below. Mail all to your teacher via Magister.

What kind of tree

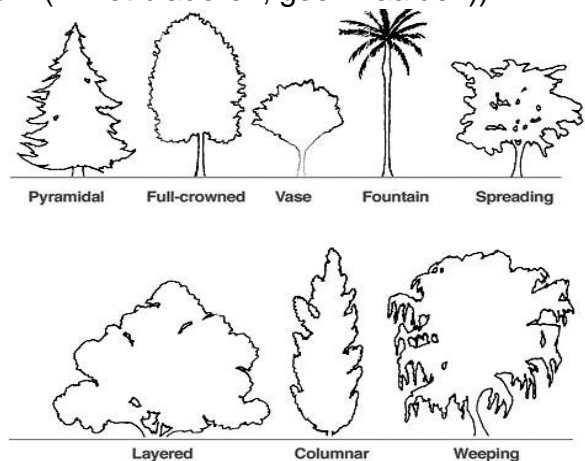
- Deciduous tree (=groenblijvend in winter, dus een loofboom (= met bladeren, geen naalden))
- Coniferous (=with needles)
- Bush (*struik*)

Estimate height

- 1-3 meter
- 3-6 meter
- 6-12 meter
- higher than 12 meter

What is the shape of the crown? Choose →

- Pyramidal shape
- Full-crowned shape
- Columnar shape
- Weeping shape
- other:



Source: toppr.com

Does your tree have thorns?

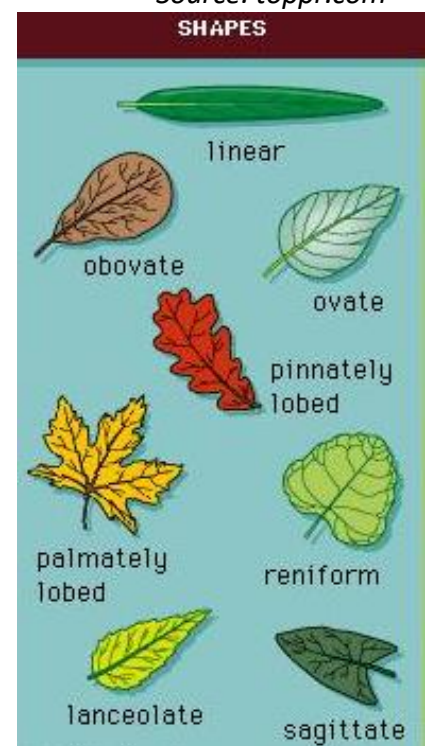
- Thorns
- No thorns

The leaves

What colour do the leaves have now?

What shape do the leaves have? Choose from picture →

Shape of leaves:



What do the margins of your leaf look like?

Choose from the first column →

- Entire
- Crenate
- Dentate
- Serrate
- Lobed

How are the leaves arranged?

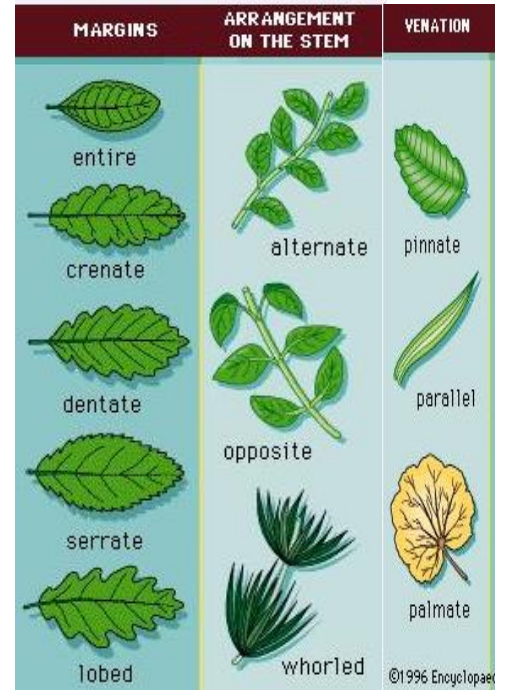
Choose from 2nd column →

- Alternate
- Opposite
- Whorled

Which venation do your leaves have?

Choose from the 3rd column →

- Pinnate
- Parallel
- Palmate



Source: klicksma.com

Draw a diagram of one leaf from your tree (apply the drawing rules!). Label the parts.

Title: **"My diagram of a leaf"**

Label: the leaf margin (*bladrand*), vein (*nerf*), midrib (*hoofdnerf*), mesophyll (*bladmoes*) and petiole (*bladsteel*).

The bark (bast) of the trunk (stam)

What colour does the bark of your tree have?

- White
- Brown /
- Red
- Green
- Grey
- Black
- Otherwise:

What does the bark of your tree look like?

- smooth
- with grooves
- other:

What does the bark feel like?

- slippery
- rough
- velvety (=soft)
- hairy
- other

Fruits or flowers

Does your tree have flowers and/or fruits?

- Flowers: yes colour
- no
- Fruits: yes colour + shape:+
- no

Animals/insects on your tree

Search the tree until you find an insect/other animal in it or evidence of an animal.

Where did you find an insect/animal or evidence?

- on the leaf at the end of a branch
- on another leaf
- on a branch
- on the trunk

What does the animal or the evidence look like? Describe in a few words (e.g. how many legs, size, colour, hairiness, or for evidence: holes in leaf or fungi traces etc.)

.....

What do you think the animal is (or was) doing on the tree? What does/did it use the tree for?

.....

In what ways do you think your tree will look different after the next season?

.....

the end