

How old is my Tree? Activity

Have you ever wondered how old a tree is without having to cut it down to look at the rings within the trunk?

Preparation Time 10 minutes (printing worksheets)

Activity Time 15–20

You will need

Printed worksheets and a pen and a measuring tape between two.



Activity

Ask the children to get into pairs. Ask them to take the measuring tape and where their eyes are level with the tree trunk, measure the whole way around. What number do they read off the tape? Ask them to write the answer down.

Answer: _____ cm (1st answer)

Ask the children to round their answer up to the nearest 50cm!

Next, divide this number by 10.

Answer: _____ cm (2nd answer)

Multiply the above number by the TREE FACTOR!
Each tree has a different TREE FACTOR.

Ash: 4

Horse Chestnut: 5

Birch: 4

Hawthorn: 5

Oak: 3

And multiply it by whatever tree you are working with.

Second Answer x TREE FACTOR = Age

X

=

Curriculum links / learning outcomes Mathematics and Numeracy

Measures Pupils should be enabled to:

- develop skills in estimation of length, 'weight', volume/capacity, time, area and temperature;
- appreciate important ideas about measurement, including the continuous nature of measurement and the need for appropriate accuracy;
- understand the relationship between units and convert one metric unit to another; use the four operations to solve problems;

The **ParkLife** project helps local people get outdoors and explore nature in Belfast's wonderful parks



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