

Science 15th June

Over the last couple of weeks we've looked at measuring time with sundials and other simple timers for hours and minutes and tried to measure our reaction time – which is a much shorter time. This week we're going to try to look back in time for years and years.

Looking back in time

Measuring time – and weather - with trees and glaciers!

You probably already know how to work out how old a tree was when it was chopped down.

<https://www.youtube.com/watch?v=xL50ynmtTyE>

The rings can also tell you about the weather many years ago and that can also tell you how old buildings, ships and other things made from wood are

https://www.youtube.com/watch?time_continue=9&v=Gye7JQLqrq0&feature=emb_logo

And the same ideas can be used to look even further back in time by using the ice from glaciers

<https://www.youtube.com/watch?v=HJYWw6PnzAs>

<https://www.youtube.com/watch?v=NENZ6TSc1fo>

How old are the trees near your house?

It's possible to work out the age of tree without having to chop it down to count the rings!

If you measure the diameter or the circumference – the distance round the trunk – with a tape measure and then you can use

<http://www.tree-guide.com/tree-age-calculator>

to work out the age of the tree. If you look back at the science we did on 20th April you'll be able to identify the kind of tree.

Next time you're out try to work out how old the biggest tree you can find is