



# GO INVESTIGATE... MEASURE

A selection of Go Ape sites are located in beautiful forest settings. Come and get in touch with nature and find out more about trees using maths skills. It's a great opportunity to develop pupil's knowledge and understanding of measure.

## GO BITESIZE

- Measure each other's height using the method for measuring trees - how accurate is it?
- Estimate and measure the height of trees around the school or home.
- Estimate the age of trees around school. Try to find out the real ages using historical information.
- Measure the age of trees around school or home using the method below.

## GO PROJECT

Investigate the height and age of trees.

At school use the formula to measure the ages of trees, then when at the forest try to find the thickest tree and answer the question - are the thickest trees the eldest? Collect the data and decide how to present it.

### HOW TO MEASURE THE AGE OF TREES

Measure the circumference of the tree at 1.5m from the ground.  
Divide the circumference by the constant...

### HOW TO MEASURE THE HEIGHT OF TREES

Stand at the base of a tree, then start to walk away from the tree whilst periodically looking back through your legs. Stop when the entire tree is within your view.  
Measure the distance from yourself back to the base of the tree.

YOU ACED IT!