



# GO INVESTIGATE... MEASURE



## WHY USE TREE TOP JUNIORS TO DEVELOP PUPIL'S KNOWLEDGE AND UNDERSTANDING OF MEASURE?

Go Ape sites are set in beautiful forest settings. Come and get in touch with nature and find out more about trees using maths skills.

### GO BITESIZE

- Measure the height of each other 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 actual ages using historical information.
- Measure the age of the trees around your school (or/and at home) following 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 1.5m up the tree and then measure the circumference. Divide the circumference by the constant...

#### How to measure the height of trees

Stand at the base of a tree, 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!**