

TREE-MENDOUS ADVENTURE

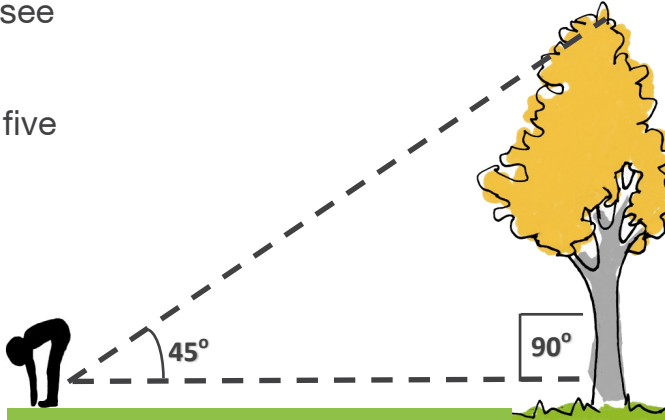


MATERIALS REQUIRED –

- Pen & Paper • A Pencil • A Spare Hat or Jumper
- String or Measuring Tape if you have either at home



Instructions

1. Choose your mode of active travel. Walk, run, cycle, scoot or even sledge round your local area—it's entirely up to you. Be sure to ask an adult for permission before you go out or get them to come with you.
2. Take a look at the tree measuring activities and ID guide in our Tree-mendous handbook. Either take the guide with you, or take a photo of the guide as you will need it to help you identify the trees you see whilst out and about.
3. Whilst on your journey try to find at least five different trees. Use the handbook and ID guide to find out what type of tree it is, measure how tall it is and have a go at finding out how old each of the trees are. Write your findings down using the record sheet on the next page.
 
4. Once you are home from your journey, use the information you noted down and the carbon calculator below to estimate how much carbon those trees are capturing.

<https://www.treeplantation.com/tree-carbon-calculator.html>
6. Make a note of how many different species of tree you managed to identify.
7. What was the oldest tree? What was the youngest? How much carbon did the oldest tree capture compared to the youngest?

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Make sure you get permission first!

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Find out more at www.ibike.sustrans.org.uk

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TREE-MENDOUS RECORDING



MATERIALS REQUIRED—PEN & PAPER

Record Sheet

<u>Type of Tree</u> (use the ID guide in our handbook or an app to help you)	<u>Height of Tree</u>	<u>Circumference</u>	<u>Age</u>	<u>Carbon Captured</u> (use the carbon calculator on the next page to work this out)

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Calculation time



Once you have all of your tree measurements from your active journey, go to <https://www.treeplantation.com/tree-carbon-calculator.html>

Insert the age of your tree here

Insert the type of tree here

Tree Carbon Calculator

If your tree is old and is a

Calculate

Your tree stores approximately pounds of carbon each year.

Tree Plantation

This is the amount of carbon your tree stores each year

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