

Forest for the Future – Explorer Backpack KS3

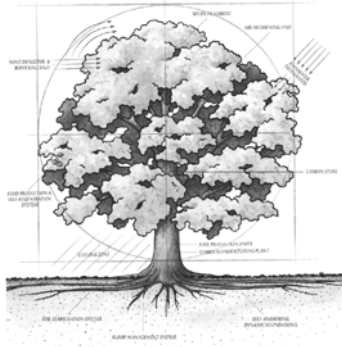
This backpack contains a set of resources and activity ideas for you to explore the role trees play to help reduce climate change.

Item

No. Activity Ideas

A tree's role

7 An introduction to trees and climate change.



A set of laminated diagrams that show the role of different parts of a tree in our changing climate. Look at the trees around you and discuss / discover their importance.

Carbon calculator sheet

7 Carbon calculator activity sheet – discover how much carbon a tree can store and therefore how much carbon dioxide it has removed from the atmosphere

Calculators



7

Seed travel cards



1 A set of cards for a selection of our native trees that helps to explore the current rate of climate change and which of our trees are most likely to successfully migrate / keep up with the changing conditions

7

Discussion / extension questions included

Tape measure, rope, ribbons, and arrows

7 To be used with seed travel cards - Create a scale version of these migration distances to visualise the problems our trees face and generate ideas to help our trees of the future

Forests for the future



7

Design your own forest for the future, to best help reduce climate change – make a model using natural materials found on the woodland floor.

A series of multiple choice questions will provide focus for the forest's design, exploring age structure, species choice, sustainable timber production, hillside planting ... Info sheet included for teachers

