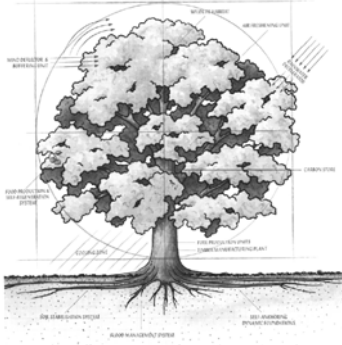





## Forest for the Future – Explorer Backpack KS2

*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. Identify each in the trees around you and 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 bag of seeds to explore different dispersal methods before looking at tree migration
	7	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
Tape measure	1	To be used with seed travel cards
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
		