

## Year 9 Ecosystem Work Phase 3

**SLIDE 1 Task 1. Answer the following question in as much detail as you can.**

What is a deciduous tree and how is a deciduous woodland different from the tropical rainforest?


**SLIDE 3 Task 2 Organise the used of deciduous woodlands into three categories.**

Colour	Use
	Timber
	Recreation and leisure
	Fuel

Timber production has increased in the UK.	69% of deciduous woodland cut down in the UK is used for fuel	There are 150-300 million day visits to woodlands each year in the UK	Recreational visits to woodlands were valued at £484 million in 2010
7-9 tonnes of wood are required each year to heat an average 3 bedroom house	In the UK over half the area of woodland has public access. This is managed to ensure it is conserved correctly	Timber is used in the construction industry e.g houses	A total of 0.4 million tonnes of timber is produced from deciduous woodland in the UK on average each year
Timber is used for furniture making	186,000 wood burning stoves we sold in the UK in 2008. 2 millions tonnes of wood are required each year for them	Wood is being considered as a fuel at major power stations in the UK	
Woodland is being used for organised activities such as paintballing and Go Ape. 30,000 users visit Go Ape per year	The ship HMS Victory (built in 1700) required timber from 6,000 trees	There are health benefits to visiting the forest as most users: walk, cycle, jog or horse ride.	

How are the goods and services similar and different in tropical and deciduous forests? Write two paragraphs to compare them  
(You will need to look back at your previous work to compare to tropical rainforests).


**SLIDE 4 Task 3**



Describe what the image is showing you.

(Areas which are black are where there are forests)

Challenge: Suggest reasons for the changes shown

Figure 4.13 Britain's disappearing woodland (Source: Swan, *The Telegraph Magazine*, 10 March 1990)


**SLIDE 5 – 8 TASK 4** Use the slides to make a poster on the causes of deforestation in deciduous woodlands.





Slide 13 and 14

Sustainable management of a deciduous woodland—The Wyre Forest		
Sustainability rank. Rank each activity in the Wyre forest <sup>1</sup> being the most effective scheme. 5 being the least effective.	What the scheme involves	How is this scheme sustainable?
	<p>People who live in the area will be encouraged to take part in conservation work.</p> <p>There will be community woods where people can cut their own firewood.</p>	
	<p>There will be a visitor centre in the woods to help educate people about what the forest can offer them.</p>	
	<p>Native tree species will be encouraged and non-indigenous conifers will be removed and replaced with deciduous trees.</p>	
	<p>The deer population will be carefully controlled.</p>	
	<p>There will be opportunities for skills development and training including forest industries apprenticeships.</p>	

Which scheme is the most effective and why?

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