

5.3.2 Populations and Sustainability

(f) explain how the management of an ecosystem can provide resources in a sustainable way, with reference to timber production in a temperate country;

Stretch and Challenge task:

- Explain how the management technique can be used to improve biodiversity and conservation value in woodland.

Define Key words:-

Coppice
Pollard
Standard
Crown
Bark
Broadleaf woodland
Controlled managed culling

Description of a woodland

Coppicing – an introduction 3 minutes

<http://www.youtube.com/watch?v=aYwkOWpuDfU>

Woodland management 8 minutes

<http://www.youtube.com/watch?v=x3LgvnZrapo>

Note taking:- Describe management techniques; include the following:

1. Why is it important to conserve woodland and how does the interaction between organisms affect this ecosystem (give some examples)?
2. Planting – what and why?
3. Dealing with non-native species – how and why?
4. Coppicing and pollarding – how and why?
5. Culling – what and why?
6. What resources does woodland provide and how are they used?