

Subject	Year	Term
Environmental Science	13	2
Topic		
Forest Resources		
Content (Intent)		
Prior Learning (Topic)		
<p><i>Biogeochemical Cycles</i></p> <p><i>Soils</i></p> <p><i>Forest management</i></p>		
Future Learning (Topic)		
<p>The resources and life-support services gained from forests</p> <p>The relationship between forest productivity and biodiversity</p> <p>Deforestation</p>		
How will knowledge and skills be taught? (Implementation)	How will your understanding be assessed & recorded (Impact)	
<p>Note taking</p> <p>Use data on percentage forest clearance to estimate changes in area, biomass and carbon storage.</p> <p>Estimate changes in forest area using satellite images</p> <p>Use mean tree mass and tree spacing to estimate biomass and carbon storage per hectare.</p> <p>Use the t-test to compare the timber yield of two tree species.</p> <p>Practical: Calculate carbon capture in a deciduous and coniferous tree</p> <p>Practical: Compare biodiversity of managed and non-managed woodland</p>	<p>- Homework Booklet marked and written feedback given</p> <p>Test marked, graded and feedback given</p>	

How can parents help at home?

Look at the topic specific resources on the VLE

Use appropriate YouTube channels

Encourage students to write revision cards

Look at the specification on the AQA website

Complete past papers (on the AQA website)

Take an interest! Ask your children what they have learnt and be curious about their learning.

Helpful further reading/discussion

Reading

Environmental Science
Chapter 13

Vocabulary Lists

Resources

Microclimate

Coppicing

Pollarding

Deforestation

Plantation

Exploitation

Selective logging

Renewable

Ecological impact

Careers Links

See VLE