

Forests, Timber and the Greenhouse Effect



Use the fact sheet to answer the questions below. Questions marked with * require a personal response or further research.

Q1 *The greenhouse effect is a natural phenomenon, so what's the problem?*

Q2 *Name some greenhouse gases*

Q3 *Design a diagram to explain the greenhouse effect.**

Q4 *How do people enhance the greenhouse effect?*

Q5 *Why are planted forests referred to as carbon sinks?*

Q6 *What is a carbon credit?*

Q7 *Explain the role young and mature forests play in reducing greenhouse gases*

Q8 *What are the advantages of using timber?*

Q9 *Use the information in the fact sheet to complete these graphs*

(a) Comparison of energy used in production of building materials (one tonne of each). Use a line graph for electricity and a bar graph for coal



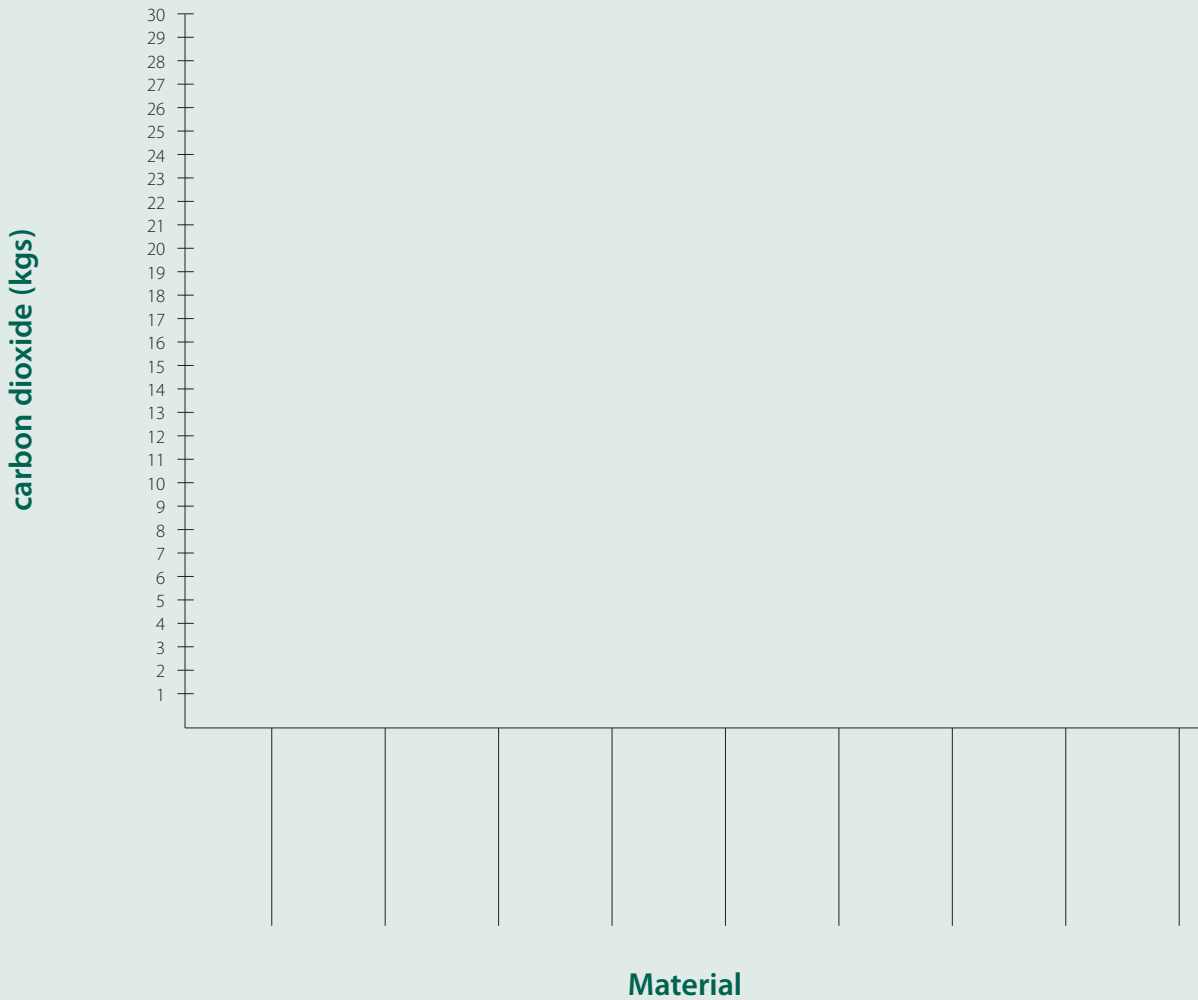
Legend

<input type="checkbox"/>	Electricity	<input type="checkbox"/>	Coal
--------------------------	-------------	--------------------------	------

Q9

cont.

(b) Amount of carbon dioxide released during manufacture per kg of material. Graph the results in ascending order. Use a line graph and label each material.



Q10

Use the tree carbon calculator to find out the amount of carbon stored in a tree in your backyard or playground.

(<http://www.greenhouse.crc.org.au/tools/calculators/treecarbon/>)

Q10

What could you do to reduce the amount of carbon dioxide produced and already in the atmosphere?*
