

Resource 12: Bloom's six levels – example 2

(Taken from *Enrichment Activities for More Able Children*, by David George)

CLIMBING LADDERS

Solving a problem like the greenhouse effect can seem so difficult that it is easier not to bother at all. But, by breaking the problem down into simple stages, it becomes possible to come up with solutions.

The example shown in the illustration below is one way of tackling the greenhouse effect. Make sure you complete each stage before going on to the next one. You may need to consult textbooks, newspapers and magazines to help you.

5 Evaluation: why should we help reduce ozone depletion? Do some people have a bigger obligation than others? If so, who? Why? Why not? What do you think are the most effective ways of reducing the greenhouse effect?

4 Synthesis: design a system in which the greenhouse effect has been brought under control. How can we work together as a school/community to reduce the greenhouse effect?

3 Analysis: compare life with and without the greenhouse effect. Would it be the same? Would it be different?

2 Application: based on reducing the greenhouse effect, what can you do in your life to help combat this effect?

1 Knowledge/Comprehension: What is the greenhouse effect? How could it affect people? How could it affect the environment? How is the ozone layer connected with the greenhouse effect?

The illustrations to the right of the ladder include: a factory with smokestacks emitting smoke; a car driving and emitting exhaust; a village with houses and trees; and a thermometer showing a high temperature.

Did you find this way of tackling the problem helpful? Sometimes this method is called 'laddering'. Why do you think this is? What other subjects could you use this 'laddering' technique for?