

Standard Grade Biology

The Biosphere

3. Control and Management.

At the end of this topic you should be able to:

Checklist Grade

- | | | |
|--|--------------------------|---------|
| (a) state that pollution affects air, fresh water, sea and land. | <input type="checkbox"/> | General |
| (b) state that the main sources of pollution are domestic, agriculture and industrial, giving an example of each. | <input type="checkbox"/> | General |
| (c) explain an adverse effect of using fossil fuels and nuclear power as energy sources. | <input type="checkbox"/> | Credit |
| (d) give an example of one way in which pollution can be controlled. | <input type="checkbox"/> | General |
| (e) state that organic waste is a food source for micro-organisms. | <input type="checkbox"/> | General |
| (f) describe the effect of increased numbers of micro-organisms on the oxygen available to other organisms. | <input type="checkbox"/> | General |
| (g) state what is meant by "indicator species", with particular reference to other organisms. | <input type="checkbox"/> | General |
| (h) explain the relationship between the level of pollution with organic waste, numbers of micro-organisms, oxygen concentration and numbers of species. | <input type="checkbox"/> | Credit |
| (i) give two examples of poor management and suggest possible improvements. | <input type="checkbox"/> | General |
| (j) describe how the effects of poor management of natural resources can produce problems. | <input type="checkbox"/> | General |
| (k) explain how components of an ecosystem are controlled in either forestry or agriculture. | <input type="checkbox"/> | Credit |

Homework

End of Topic Test