

Standard Grade Biology

The Biosphere

2. How it Works.

Checklist Grade

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

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|--|--------------------------|---------|
| (a) describe what is meant by habitat, population, community and ecosystem. | <input type="checkbox"/> | General |
| (b) describe what is meant by producer and consumer. | <input type="checkbox"/> | General |
| (c) give an example of both a food chain and a food web. | <input type="checkbox"/> | General |
| (d) explain possible effects of the removal of one species on the remaining organisms in a food web. | <input type="checkbox"/> | Credit |
| (e) state that the arrows in a food web indicate the direction of energy flow. | <input type="checkbox"/> | General |
| (f) explain ways in which energy may be lost from a food web. | <input type="checkbox"/> | General |
| (g) explain what is meant by the terms pyramid of numbers/biomass. | <input type="checkbox"/> | Credit |
| (h) state that the growth rate of a population depends on birth and death rate. | <input type="checkbox"/> | General |
| (i) describe the growth curve of a population under normal conditions. | <input type="checkbox"/> | General |
| (j) explain the effect of factors which limit the growth of a population. | <input type="checkbox"/> | General |
| (k) explain the growth curve of a population under normal conditions. | <input type="checkbox"/> | Credit |
| (l) state that competition occurs when organisms need the same resources. | <input type="checkbox"/> | General |
| (m) explain the importance of nutrient cycles to the organisms of an ecosystem. | <input type="checkbox"/> | General |
| (n) describe the sequence of processes in the carbon and nitrogen cycles. | <input type="checkbox"/> | Credit |

Homework

End of Topic Test