

"Tuning in"

Learners find out about life-sustaining processes that make life as we know it possible

Grading: "Y

Time:

Place: Inside

Group size: Up to 6 learners in a group.

Activity Outcomes:

Learners are able to:

- understand life-sustaining processes and interconnectedness of natural resources
- use scientific knowledge and skills to contribute to the management and utilisation of ecosystems and species

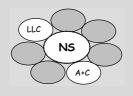
Assessment:

 Facilitator evaluates group interaction and understanding of concepts

Skills:

- Decision-making
- Managing and organising information

Learning Area links



Biodiversity Charades

Background

Nature provides many services that make life as we know it possible. However, often we are not aware of these services and take them for granted. Plants provide beauty and food but how often do we think about the fact that they create the oxygen we breathe? It is due to the biodiversity of life that all of these services are possible.

Activity Guidelines

Needed: One set of Biodiversity Cards (Page B2, 3 & 4)

- Divide learners into groups of up to 6.
- Hand out a Biodiversity Card to each group which describes a "free service" of nature.
- Explain what a free service is (it is one that is performed daily or nightly that makes life as we know it possible e.g. trees providing oxygen, wetlands purifying water and bees pollinating flowers).
- Allow the groups 10 minutes to plan their charades: act out free services.
- Then each group performs as the other groups try to answer two questions:
 - ♦ What is the "free service" being performed?
 - What is the significance of this "free service" to life on Earth?
- After each team's performance, the other teams write the answers to the two questions on a piece of paper. The answers are tallied at the end of each round, with 1 point given for correct answers to the first question, and 2 points given after answering the second question correctly. The winning team receives a second Biodiversity Card and gets to perform a second time.



If the learners find it difficult to perform their act, permit them to use a minimum of props, such as chalk dust for pollen.







Variations

Extend the activity

Learners create their own Biodiversity Cards, then play another round.



Further discussion

Learners explain what would happen if a "free service" stopped. For example, what if the species that performed the "free service" became extinct. The learners could even create a food web or chain to illustrate how the extinction of one species affects others. (See Activity 2.3, page B9 and Activity 5.5, page E29)

Create a poster

Learners create posters that depict and explain each of the free services. Slogans can be used to "advertise" the service.

Biodiversity Cards

