



B.Ed1 ICT 2002/03

ICT and Environmental Studies Task

Name:

Title of Activity

How and why does the change in season affect the colour of some animals' fur?

Purpose of Activity:

The purpose of this activity is to utilise developing ICT skills to create and present a multimedia presentation that will demonstrate knowledge and understanding gained regarding how certain animals change the colour of their fur depending on the season. This created file is to be presented to the children's peer group.

Software Used:

Microsoft PowerPoint

5-14 Attainment Targets (ICT & Environmental Studies):

ICT Outcome: Developing ICT Capability

- Strand: Creating & Presenting (Multimedia)
- Level D
 - Create a more sophisticated slide show with teacher support

E/S Outcome: Science-Living things and the processes of life

- Strand: Interaction of living things with their environment
- Level D
 - explain how responses to changes in the environment might increase the chance of survival

What are the ICT learning outcomes for this activity?

Children will be able to :

1. Incorporate text, image and sound (if necessary) into their PowerPoint presentation
2. Use motion paths to animate graphics

What are the Environmental Studies learning outcomes for this activity?

Children will :

1. Know why some animals change colour according to the season
2. Explain how this change in colouration happens

Use the MIICE Toolkit to help you identify/articulate how ICT is helping qualitatively enhance learning in this activity.

Outcome 1: Learner Reflection (Level 4)

2. Realistic but improving culture

1. In this task I would hope that children would explore ways in which they could make the multimedia facilities of PowerPoint work for them and in doing so, begin to apply these in innovative fashion whilst sharing these new discoveries with their peer group.

Outcome 2: Skills Development (Level 4)

1. Effective and responsible use of ICT

3. This task would require that the children had grasped a firm understanding of how and the fur of some mammals change colour as the seasons change before they can begin to create a multimedia presentation that demonstrates this. In this regard, the use of ICT will have a positive effect on and will help accelerate learning in another curricular area.

2. Creation and presentation of their own material

4. This context would inspire children to use ICT in an imaginative way to present their own material.

This task would allow children the opportunity to demonstrate how their use of ICT tools such as PowerPoint to create multimedia presentations for an audience is progressing

Outcome 3: Managing and Manipulating Digital Information (Level 2)

1. Ability to modify information in a variety of forms, including text, graphical objects, moving images, sounds and web pages

1. In the drafting and redrafting of their presentations children will Children will manage text, images, animations and sounds in order to enhance and perfect their final multimedia presentation.

Outcome 7: Motivation

1. Enthusiasm and enterprise

2. Learners will demonstrate enthusiasm when creating the multimedia presentation that will display the knowledge and understanding they have gained in E/S.