

Session Six: Lesson Plan

Subject: Sustainability

Objectives:

Students should:

- Understand that our everyday activities depend on resources from the **Earth**
- Understand that everyone's use of resources can be measured and that this is called a **Global Footprint**
- Work out the size of their global footprint.
- Use the three R's to reduce their footprint - **Reduce reuse and recycle**

Starter:

Activity 31 – Earth is everything

15 mins

Discussion - link everything to the Earth - we rely on resources from the Earth and we then return them as waste.

Show mini PowerPoint presentation on milk.

Main Session:

Activity 32 - Global Foot print presentation

15 mins

PowerPoint slides which introduce the concept, which is a measure of how many resources we take from the earth and how much waste we put back in.

Activity 33 - Personal footprint calculation

20 mins

Using eight pairs of info cards and a record sheet.

Compare footprints and relate to how many Earths would be required to carry on living that way.

How can a footprint be made smaller – Introduce the 3R's.

Activity 34 - The 3R's

30 mins

Discuss the hierarchy and definitions of the 3 R's. Use the foot printing cards to discuss how to make the footprint smaller using the 3 R's. Complete the 3R's worksheet.

Plenary:

Activity 35 – Internet games

30 mins

Session on the Greener Futures website using the games on the Panorama.

Homework:

Activity 36 – 3R's poster

Make a poster or sticker design that gives a message about one of the 3R's.