

DEAR TEACHER,

Thank you for downloading our Education Resource Pack, we hope it proves a useful tool in your classroom. Our program is split into three class groupings – 1st and 2nd class, 3rd and 4th class, and 5th and 6th class to tie in with the Irish Primary Curriculum. It is easily integrated across different curricular areas and provides opportunity for differentiation.

Our Education Resource Pack comes with a selection of short videos outlining the processes used in recycling and the issues faced. There are accompanying worksheets and information packs for the classroom and the teacher. Further information can be accessed on our website, **www.repak.ie/schools**. Our lesson plans are available in PDF format and can be readily incorporated into your own planning documents.

Again, thank you for using our program in your classroom!



INTEGRATION:

Science: Environmental Awareness & Care / Caring for the Environment.

Materials: Materials and change

SPHE: Developing citizenship: Environmental Care.

CONTENT OBJECTIVE:

That the children would be enabled to:

Come to appreciate individual, community and national responsibility for environmental care.

Identify and discuss a local, national or global environmental issue.

LESSON OBJECTIVES:

That the children would be enabled to:

- Identify packaging that can be recycled
- Describe the recycling process
- Name what objects/things can be made from recycled packaging
- Identify where and how to recycle, listing steps
- Describe what happens when contaminated packaging enters the recycling process
- Identify objects that should not be placed in a recycling bin
- Discuss the problems encountered by recycling plants and the implications of not recycling materials efficiently. Discuss the advantages of proper recycling
- Explain why it is a community and personal responsibility to recycle effectively and carefully

ASSESSMENT:

Teacher observation.

The children will complete the 'design a poster' activity and/or the recycling project from the Teacher's Resource pack.

DIFFERENTIATION:

Higher/lower order questioning, assistance with assessment task where necessitated.

Extra Challenge: create a poem / rap / slogan to encourage proper recycling, create a poster showing the common contaminants and the impact their inclusion has on the recycling process. The children will design a new character to promote proper recycling habits in their school and community.

RESOURCES:

Teacher's Resource pack (available from our website).

Videos: Bobby the Box, Bridget the Bottle, Cormac the Can, Jenny the Jam Jar and Contamination.

Fact Sheets: Glass, Plastic, Aluminium, Contamination.

Recycling Symbols (available from our website).

LEARNING ACTIVITIES:

The teacher will introduce the topic of recycling, eliciting prior knowledge. The teacher will then introduce the videos. After each video the class will discuss the character and what they can turn into. They will identify the steps needed to recycle properly. The children will identify where they can recycle each character in their local areas. The teacher will explore the processes by which each object is recycled.

Afterwards, the teacher will show the video on Contamination. The class will discuss the video, identifying the types of packaging from the other videos. The teacher will discuss the meaning of the word 'contaminated', ensuring that the class understand.

The class will then discuss how contaminants enter the recycling process and the impact that they may have. The children will identify possible and probable contaminants and the steps needed to avoid their inclusion in the recycling process.

The class will then discuss how they can contribute to efficient recycling.

The class will explore how to sort materials from those that are recyclable or not. They will identify the logos/signs that indicate if a material can be recycled.

The teacher will then split the class into pairs/groups and distribute the fact sheets from the resource pack. The children will explore the facts and choose a selection to share with their peers.

The children will discuss the implications of poor recycling and the benefits of an efficient system.

The children will then explore their role in the efficient recycling process and how they can improve matters in their community.