

Teacher's Overview

Repak Reimagine Learning Scheme

1st - 3rd Class

This learning scheme introduces children to key concepts of recycling, waste management, and the circular economy, culminating in a creative exploration of reuse. Through these lessons, students will develop an understanding of their role in sustainability, learn practical recycling habits, and engage in hands-on activities that encourage responsible environmental stewardship.

Lesson Themes

1. **Recycling & Waste Sorting** – Learning what waste is and how we can sort it into different bins.
2. **The Circular Economy** – Discovering how old things can be turned into new things instead of being thrown away.
3. **Creative Reuse** – Using recycled materials for arts, crafts, and fun activities.

Learning Outcomes

By the end of this scheme, children will be able to:

- > Explain key concepts such as the 3Rs, recycling, waste management, and the circular economy.
- > Sort and recycle waste correctly, identifying materials that can be repurposed.
- > Recognize the impact of human activities on the environment and how to make more sustainable choices.
- > Creatively reuse materials to design and construct new objects.

Success Criteria

Students will demonstrate success by:

- > Defining and using terms like 'recycling', 'waste management', and 'circular economy'.
- > Understanding and explaining the difference between a linear and circular economy.
- > Identifying local recycling options and participating in sorting waste correctly.
- > Using recycled materials to create a functional or artistic project.

Methodologies

- > **Interactive Learning:** Engage students with interactive activities such as quizzes and hands-on projects.
- > **Visual Aids:** Use diagrams, images, and videos to illustrate concepts.
- > **Discussion:** Encourage student participation through questions and group discussions.
- > **Real-World Examples:** Relate concepts to everyday life to make them more relatable.

Pre-Teaching Knowledge

- > Basic knowledge of waste and recycling.
- > Familiarity with common household waste materials.
- > Exposure to Repak's Clean, Dry, and Loose Campaign.

Video Links to Repak.ie

- > Repak Clean, Dry and Loose Campaign Video: <https://www.youtube.com/watch?v=iqgWMGnM-ds>
- > Repak Clean, Dry and Loose Video: <https://www.youtube.com/watch?v=MyWtJt1iwlQ>

Teaching Tips

- > **Preparation:** Review all materials and videos before the lesson to ensure you are comfortable with the content.
- > **Engagement:** Use questions and activities mentioned in the notes to keep students engaged and encourage them to think critically about the circular economy.
- > **Support:** Provide additional support and resources for students who may need extra help understanding the concepts.

Additional Resources

- > <https://repak.ie/recycling/>
- > <https://www.youtube.com/@repakrecycling> – Videos available on recycling specific items such as recycling cleaning products, labels and lids, recycling takeaway, etc. There are also some cartoons which children might enjoy watching.

Curriculum links (Primary Framework)

1. Science and Technology Education:

- > **Strand:** Environmental Awareness and Care
- > **Strand Unit:** Caring for My Locality
 - > **Learning Outcome:** Recognise the importance of conserving resources and reducing waste through recycling and reuse.

2. Social, Environmental and Scientific Education (SESE):

- > **Strand:** Living Things
- > **Strand Unit:** Myself and My Environment
 - > **Learning Outcome:** Understand how human activities impact the environment and the importance of sustainable practices.

3. Arts Education:

- > **Strand:** Visual Arts
- > **Strand Unit:** Construction
- > **Learning Outcome:** Use a variety of materials to create art projects that reflect an understanding of the circular economy.

4. Mathematics:

- > **Strand:** Data
- > **Strand Unit:** Representing and Interpreting Data
 - > **Learning Outcome:** Collect and represent data on recycling habits and interpret the data to understand its impact on the environment.

5. Wellbeing:

- > **Strand:** Active Citizenship
- > **Strand Unit:** Environmental Responsibility
 - > **Learning Outcome:** Develop a sense of responsibility towards the environment and participate in activities that promote sustainability.

