

Introduction

Introduction (to be read by teacher)

With an ever-increasing awareness of the importance of recycling sustainability, it's important that each and every one of us do our bit to help our planet.

What is sustainability?

Imagine you have a magic sweet jar and every time you take a sweet the jar refills itself! An everlasting jar of sweets. The magic sweets are sustainable, this means you can take the sweets over and over and over again without them ever running out!

We know that unfortunately the magic sweet jar doesn't exist. Taking sweets out of the regular jar without putting any more sweets back in is not a sustainable practice. You can't keep doing it for a long time, because the jar will eventually run out. A bit like rainforest deforestation, if trees aren't planted in place of those cut down, as well as the loss of trees, all that habitat for animals, plants and insects are lost there too.

Sustainability isn't just about sweets. In this lesson, we'll be watching animations and completing a series of challenges to discover and learn all about:

What are our learning outcomes?

Understand why we recycle.

Be able to identify different material types.

Learn which materials can be placed into recycling bins at home and at school.

Understand the unique recyclable properties of each of these materials.

Understand what happens to different materials if we don't recycle and the effect that has on our planet.

To evaluate the effectiveness of aluminium over other materials; to explain why aluminium is a great recyclable material.

To think creatively about how to encourage others to recycle.

To apply your knowledge of materials to persuade others to recycle correctly.

Be sure to pay full attention because at the end you'll not only be answering a round of quick-fire questions to test what you've learnt but you'll also be producing a bin sticker design, that will let others know how to use their recycling bin correctly and showcasing your new found knowledge. We'll be entering your designs into a competition where the winning pupil will win an IPAD and your school will be receive a recycling bin and your sticker designs, as well as €250 worth of vouchers for the school.