

Discovery Class 2: Reduce, Reuse, Recycle.

Learning objectives: To take a fresh look at recycling and what our recycling could become.

Target Vocabulary: expressing opinions and ideas.

Previous knowledge: Present and past simple, a basic understanding of recycling from school science classes, clothing vocabulary

Cognate words: plastic, sustainable, packet, metal, reduce, reuse, recycle, art,

	Activity	Materials	Time (Minutes)
Introduction (including class rules)	Introduce Topic of the day: Triple R Reduce, Reuse, Recycle		5
Warmer /Recap	Recap on the types of rubbish we have and what it's made of (jar – glass , etc)	Realia or flashcards from class 1	2
Presentation Part 1: Rubbish	'What now?' Elicit ideas from the class as to what each item of rubbish can become.	Board & Pens Examples of packaging.(realia or pictures)	5
Video: Where does waste go? Advert from Sydney	<ol style="list-style-type: none"> 1. Watch the video 2. Watch a second time. The class must write down what each material can become. 3. Watch a third time to check answers. 	Video:Where does waste go?	10

	4. Feedback answers and give points.		
Presentation Part 2: 'Metal'	'We know some of the practical things that can be made from recycled material. Let's look at something different'	JK Brown Presentation	5
Reading: Plastic bags	Read the news article about what plastic bags can become, and answer the questions. Feedback answers & points	Pens News article worksheet	10 5
Presentation Part 3: Passion for Fashion	What do you think clothes from recycled material would be like?	Photo of the dress with bottles on.	2
Speaking	Read through online the article on fashion Discuss what opinions the class has about the clothes featured: <ol style="list-style-type: none"> 1. Would they wear them? 2. Is it important famous people and brands support the idea of clothes from recycled materials? Why? 3. Who would you want to see supporting recycled clothes/products? 	Online website article or printed copy of the article.	5-10 15
Video: BBC Africa	Artist who paints with plastic. Introduce the artist. Watch the video Ask the class' opinion on the art.		5 5

Notes and explanations.

Introduction.

The teacher writes 'Reduce, Reuse, Recycle' on the board and asks the class for a definition and examples, awarding points for each correct answer.

Warmer

Using the realia or the flashcards from the previous Discovery Class, the teacher asks the students the names of the items and what they are made of.

Presentation Part 1: Rubbish, What Now?

The warmer leads directly into the presentation. After identifying the items of rubbish and what they are made of, the class is then asked which items can be recycled and what they could become after recycling.

Video: Where does Rubbish Go.

This video is produced by the City of Sydney. It exposes the students to another accent from a native English speaker and also lets them see what a city can do to reduce, reuse and recycle its waste.

Before watching, the students write down a list of:

- Steel (check understanding)
- Aluminium
- Paper and Cardboard
- Glass
- Plastic
- Garden Rubbish

The second time of watching, the students write down what each item can become through recycling and check their answers on the third time.

<https://www.youtube.com/watch?v=k-HzjbKHKxU&index=28&list=PLyZvHMQQuXPrbE7pZvT546l5wjp4FGtu>

Presentation Part 2: 'Metals'.

This short slide presentation shows a different type of reuse for rubbish. The sculptor makes beautiful realistic looking sculptures from scrap metal.

Reading: What Happens To Plastic Bags

This article is from online magazine Seattlepi.com. The article given to the students is a printed copy so they can mark unfamiliar words and phrases easily before asking the teacher.

The article covers the use of recycled plastics in technology, construction, and commerce.

The students read through, with different students reading sections out loud. The teacher checks understanding and explains any unknown words or phrases before the students answer the questions. The class then feedback the answers and receive points or the correct ones.

<http://education.seattlepi.com/happens-plastic-grocery-bags-recycled-4791.html>

Presentation Part 3: A Passion for Fashion

The teacher asks who likes fashion, clothes, style, etc and what the students think clothes made from recycled materials would be like. There is a photo of a catwalk model with bottles hanging off her dress to show the students to ask if this is what they expect.

The class and teacher then look at the online article by company plasgranltd.co.uk called 'Innovative Uses For Plastic Waste'. They can read and see the pictures online using the projector, or look at a printed copy.

The teacher – or students – reads through the sections of the article, drawing the students attention to the photos.

Speaking and Discussion

After having read the article through, the teacher then leads the class through the questions in a class-wide discussion.

If the students are reluctant to discuss ideas as a whole class, the teacher can ask question 1 in general to the whole class and then in their teams, they can discuss either question 2 or 3 in their teams for 5 minutes and then feedback their opinions to the class.

<http://www.plasgranltd.co.uk/art-recycled-plastic-part-2-innovative-uses-plastic-waste/>

Video: BBC Africa. The artist who paints with plastic.

The teacher introduces the artist by writing his name on the board and reading the introduction:

Plastic is not often associated with artistic expression, but for South African artist Mbogeni Buthelezi, the recycling centre is where he finds not only inspiration but also material for his art projects. He started to use plastics to produce art because he couldn't buy oil paints and has now developed a unique style.

The class watches the short video, and afterwards, the teacher asks their opinions on his art and style of painting, and what they think of this type of reusing and recycling plastic.

If there is time, they can also discuss the quote:

'Good art doesn't always come from expensive materials and you don't have to have a lot of money for you to be able to achieve your dream. I have literally constructed my life from nothing...'

The teacher can also discuss his accents and how easy – or not – the class found understanding him. The video is very visual and the students will be able to understand what he is doing even if they find his accent strange.

<https://www.youtube.com/watch?v=6yoOXsxKV88&index=32&list=PLyhZvHMQQuXPrbE7pZvT546l5wjp4FGtu>