

Using microbes to convert waste plastic

Introduction

In groups of three or four, you will present the news on the science research you've read about. Your group will have five minutes for the presentation. Each person in the group will be given one of these roles:

- News anchor – introduces the story and ends the presentation. The news anchor is also in charge of making sure the presentation runs on time.
- Reporter – interviews the scientist/s about the research and asks questions that will interest the audience.
- Scientist – answers the questions, so that the audience understands the science of the story. If you are in a group of four you will have more than one scientist.

Instructions

Work together to prepare what you're going to say as a group during your presentation. It's important that everyone has something to say. Practise doing your presentation. Was it too fast, or too slow? What do you need to adjust to make it last five minutes?

Make sure you include the words **enzyme, monomers, plastic, genetic engineering/genetically engineered** in your presentation. How many other scientific words can you include?

Tips

- Use the script template on the next page to help you.
- Read over your answers to question 6 in the worksheet, these will help you too.
- You can also use slides with diagrams or other images to help your audience understand the science in the story. Remember to write down on your script when to show them to the audience.

Role	What to communicate	Your script
News anchor	Introduce the issue(/s) in one sentence.	
News anchor	Introduce the resolution. And briefly say that scientists may have solved the problem.	
News anchor	Introduce your classmate reporter who will provide more information.	
Reporter	Talk about the problems in more detail, but only briefly.	
Reporter	In one sentence, introduce the scientist(/s) and why you are interviewing them.	
Reporter	Ask the scientist to explain what they have discovered.	
Scientist	Answer the first question.	
Reporter	Ask the scientist how the bacteria do this.	
Scientist	Answer the question.	

Reporter	Ask the scientist why the discovery is important.	
Scientist	Respond to the question.	
Reporter	Ask the scientist to explain how this discovery might also help deal with waste plastic.	
Scientist	Respond to the question.	
Reporter	Thank the scientist.	
Scientist	Acknowledge the thanks.	
News anchor	Say something in response to what the scientist and the reporter have said, which reflects what your audience might be thinking. Thank the reporter. This will end the presentation.	

Fill in the feedback sheet below while your classmates are giving their presentations.

	Group 1	Group 2	Group 3	Group 4	Group 5
Did everyone in the group speak about the science news?					
Was it clear what each person's role was?					
Did the group stick to their time limit?					
Was it clear what the news was and why people should care?					
What could the group improve on, if we do this task again?					