



Whole school assembly

SUSTAINABILITY STARS!



Sustainability means something is...



This British Science Week is all about Change and Adapt. In today's assembly, we'll look at how we are trying to change and adapt our habits and things we do to become sustainable.

If something is sustainable, it can keep going for a long time.

This means it is something which is: good for the environment; good for people; is fair; and is good for businesses (the economy).

Ask students 'Why is trying to be sustainable important?'

When we throw something away, we throw away the resources used to make it.



The reason it is so important is that we're using too many resources. Our current habits are causing a big impact on our environment, from deforestation to water shortages. Lots of factories making items can also cause air pollution.

As we throw things away, we throw all the valuable resources use to the make them.

We need to try and save the resources and reduce the amount of pollution to save the planet, changing and adapting how we think about waste.



This is why the United Nations saw that it was important for all countries to work together to become more sustainable.

They created the Sustainable Development Goals (SDGs) in 2015. These are 17 goals that work to make the world a better place for everyone and the environment.

For more information, see <https://sdgs.un.org/goals>



Why are all of these goals important?



We're going to focus on goals 11,12 and 13. All of these goals want to look after the environment, why do you think that it is important?

All of these goals work towards making sure that we can live good lives without damaging the world we live in.

Is there anything we do as a school to help work towards these goals? [Insert any examples from your own school]



How are these jobs helping achieve the Sustainable Development Goals?



There are lots of people who are sustainable stars working towards these goals.

Ask students to spot the sustainable stars and explain why they are sustainability stars

A recycling operatives and waste facility engineers are helping collect any recycling so that it can be reused (top and bottom left). We need people to manage the big facilities and check that the recycling is high quality.

We need engineers to help create wind and solar power farms, they are helping create sustainable and renewable energy. (top right)

An ecologist is a sustainability star because they help to restore woodlands or environments that may have been damaged (bottom right)



SUSTAINABILITY STAR

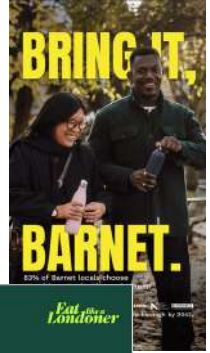


KATIE

My job: Behaviour Change Project Manager

My favourite subjects: Maths and science because I loved learning about the planet, nature, and animals.

I worked on these projects!



We even have some sustainable stars here in north London!

Katie works at North London Waste Authority as a Behaviour Change Project Manager.

She has studied Behavioural Science and uses the science behind of how our brains work to design projects to help north Londoners reduce their rubbish and reuse items more!

On the slide, you can see examples of some of the projects that Katie has developed and worked on!

Hands-up: does anyone else love nature like Katie?



SUSTAINABILITY STAR



EUSTON

My job: Planning and Technical Solutions Manager.

Favourite subjects: Science and engineering because I love to find out how things work.



Here is the new Energy Recovery Centre that I have helped to develop!

Euston works at North London Waste Authority

He works on developing new waste facilities (places that process and manage waste) such as the new Energy Recovery Facility as part of the North London Heat and Power Project (NLHPP). This site is going to be cleaner, greener with lots of fantastic technology to reduce the impact on the environment.

On the slide, you can see the construction of the NLHPP that Euston works on.



SUSTAINABILITY STAR



ELIS

My job: Senior Environmental Leader at LondonEnergy.

My favourite subject: Science because I love to solve problems!



I work at the EcoPark in Edmonton!



Elis works at LondonEnergy as a Senior Environmental Leader.

His job is to make sure that the EcoPark in Edmonton follows the rules set by the Environmental Agency so that the facility remains sustainable.

On the slide, you can see where Elis works.

Ask students why do they think Elis' role is important?

What could you do to be a sustainability star?



The United Nations saw that it was important for all countries to work together to become more sustainable.

They created the Sustainable Development Goals (SDGs) in 2015. These are 17 goals that work to make the world a better place for everyone and the environment.

We're going to focus on goals 11,12 and 13. All of these goals want to look after the environment, why do you think that it is important?