

EAC LOST COP 26 Challenge

ADAPTATION AND RESILIENCE

Early Level

Trash to Treasure



Overconsumption and waste has had a significant impact on the environment. Our tendency to throw out the old and buy something new on a regular basis has had damaging consequences for the planet. Ask learners to rethink how they view waste?

Go on a litter pick around the school grounds. Create collages and artwork from what you have collected. Ask your establishment staff for other waste materials (e.g. e-waste or packaging).

Use materials regarded as 'rubbish' to create something beautiful or interesting. This will help learners imagine other ways waste can be repurposed and utilised, instead of throwing it away.

First Level

The 6 Rs of Sustainability

Understanding our consumption patterns and what we can do to limit their harmful impact is key in allowing us to adapt our lifestyles to help mitigate climate change. Empower learners to do this through getting learners to consider the 6 Rs of sustainability!



1. Encourage pupils to think about waste and its impact. This can be done through activities such as The Decomposition Rates Game
<https://www.ltl.org.uk/resources/decomposition-rates-game/>
2. Encourage pupils to think about what materials they use every day, and how they can lessen their consumption through the 6 Rs of sustainability (Rethink, Refuse, Reduce, Reuse, Repair or Repurpose, and Recycle).
3. Use the Reduce, Reuse Recycle game format and adapt to include the 6 Rs of sustainability.
<https://www.ltl.org.uk/resources/reduce-reuse-recycle-relay/>.

Second Level and Beyond

It is not only personal change but societal adaptation which is important when discussing adaptation and resilience. Open up this conversation with learners and discuss different ways human settlements can combat the negative effects of climate change and ask them to apply to their own community.

How Resilient is your School?

1. Introduce the topic of resilience and what changes can be made to areas so they can be ready for climate change.
[Adaptation Scotland :: Climate Ready Places](#)
2. Visit the school grounds and identify what can be done to make your school grounds more resilient to climate change.
3. Encourage pupils to think about individual problems - How can the school tackle floods? How can it adapt to air pollution? but although can it adapt to become more climate friendly and diminish the impact we have on the environment?

More Useful Resources:

Unesco trash hack document available here - [Trash hack action learning for sustainable development: a teacher's guide - UNESCO Digital Library](#) For multiple resources on waste and the 6 Rs of Sustainability

[Plastic Waste](#) – provides useful information on the problems of plastics

Scotdec eco bricks resource accessed through here - [Issue to action: Maths – Scotdec](#) Another good way to talk about repurposing waste to lessen its environmental impacts.

UN Sustainable Development Goals

All of the above suggestions link to several of the United Nations Global Goals - sometimes called the Sustainable Development Goals (SDGs. For more information on all 17 of the Global Goals and teaching resources see below

SCOTDEC

Resources for Teachers - Explore the Global Goals

<https://scotdec.org.uk/resources/>

UNITED NATIONS

An overview on the United Nations website

<https://www.un.org/sustainabledevelopment/blog/2016/07/17goals17days-progress-made-on-sustainable-development-goals/>

