



## Energy guzzlers + inventors

**'If we act now, we can still put it right.' 'What we do in the next few years will determine the next few thousand years'**

Sir David Attenborough.

Solving the problems of Climate Change isn't just being left to governments, policy makers, and negotiators at COP27, many scientists, inventors, engineers, designers and businesses are also on the case! The Earthshot Prize 2022 finalists were recently announced, and include many inspiring inventions – these are a couple of them: Notpla – seaweed and plant-based plastic alternatives; Kheyti – a 'greenhouse in a box', Mukuru – clean, biomass stoves; Ampd – a battery storage system for use on construction sites. The Awards ceremony will be aired on Sunday 4<sup>th</sup> December – BBC1 @5pm, and subsequently on the Earthshot YouTube channel.

Young Climate Warriors are challenged to stand in awe at the machines and inventions that have revolutionised life in the home – but also to realise that some of these are the worst 'energy guzzlers'. Can they help their parent/carer this week avoid using two of these 'guzzlers' – the 'dryers' – the tumble-dryer and the humble hair dryer?

**Amazing machines ... some of them are energy guzzlers!**

Stand in awe at the machines that make our life at home much easier and simpler - but many are also 'energy guzzlers'.

**18th November challenge!**

This week can you avoid your 'dryers' - help hang your washing up - outside or inside - avoid your tumble dryer? Maybe towel dry your hair avoiding your hair dryer?

Scientists, inventors, engineers, designers, businesses ... check out some of the Earthshot 2022 finalists who're helping repair our planet.

**YOUNG CLIMATE WARRIORS**

When you've completed this challenge ... Remember to hit the red button!