

EXPLORERS

The Earthshot Prize!

In 2021 the Duke and Duchess of Cambridge announced the Earthshot prize to reward those who are working to save the environment. The prize is designed to incentivise change and help to repair our planet. For more information, and to check out previous winners, head to <https://earthshotprize.org/>.

These activities focus on reducing the warming of the Earth by extracting the existing greenhouse gasses out of the atmosphere. This process will need new cutting-edge technology to be invented and invested in.

We have included some questions/topics for discussion with each section. These are to encourage conversations about climate change at each age group and to explore what their understanding is as a Scout. Encourage imaginations to run wild as they invent & pitch new technologies to 'win' the Earthshot prize money!

If you would like more information about this activity please email:

Abi.mcfarlane@scoutshw.org.uk



Scouts

Hereford & Worcester

Explorers:

Scientists have predicted that to limit warming to only 2°C above pre-industrial levels we may need to reach net zero emissions in 2050 and then go to negative emissions, meaning we remove CO₂ from the atmosphere. This will need some very clever and expensive technology called Carbon Dioxide Removal (CDR) and Carbon Capture and Storage (CCS). CCS captures CO₂ at the sources, not allowing it to enter the atmosphere, and stores it elsewhere. CDR removes existing CO₂ from the air and may include some elements of CCS to store it. Have a look at the information table for more details on each one. These technologies are still in their early stages and need investment.

Thankfully the Duke and Duchess of Cambridge have created the Earthshot Prize which can award £1 million pounds to help save the planet!

Which of the above options do you think is best? In groups write your pitch and convince the rest of your unit – Dragon's Den style – why you should win the £1 million investment money for your chosen technology.

Topics for discussion:

- Will £1 million be enough?
- What are the implications of the British monarchy creating a prize for environmental work?
- Should we invest in mitigating the impacts of climate change or adapting to them?