


PSHE	Green Education Why does it matter?	Year 8	Unit 3
Key words		Earthshot 	
<ul style="list-style-type: none"> • Climate justice- Finding solutions to the climate crisis that not only reduce emissions or protect the natural world, but that do so in a way which creates a fairer, more just and more equal world in the process. • Ecology- is the study of the interaction between organisms and their environment. • Climate change- refers to changes in the Earth's average temperature. These changes occur naturally over time, but most scientists think that human behaviour is increasing the amount of greenhouse gases in the atmosphere, which is causing more rapid changes to the climate. 		<ul style="list-style-type: none"> • Sustainability -is the idea that humans must interact with the environment in a way that ensures there will be enough resources left for future generations • The Earthshot Prize- is awarded to five winners each year for their contributions to environmentalism. • Trinity MAT Earthshot- was launched in 2022. The inspiration for this initiative came from President John F. Kennedy's famous Moonshot speech and the Earthshot Prize Giving event, headed by HRH Prince William. 	
Refugees and climate justice		Green Education and our school values	
<ul style="list-style-type: none"> • Refugee- people who have fled war, violence, conflict or persecution and have crossed an international border to find safety in another country. • Climate migrant- drought, heat waves, flooding, and severe storms are among the effects of climate change that will displace millions of people. • Sea levels - are rising worldwide. As the planet warms, glaciers and ice sheets retract, and vast amounts of meltwater enter the oceans • Jakarta, Indonesia- is one of the world's most rapidly sinking cities due to withdrawal of groundwater, which causes the land to sink, and rising seas. 		<ul style="list-style-type: none"> • The Lost Sheep- encourages us to care for climate migrants So no one gets left behind. <p style="text-align: center;">School values-</p> <ul style="list-style-type: none"> • Respect- respect creation and care for it by being an active green citizen. • Responsibility- understand how human activity is contributing to climate change and be the change you wish to see. Be a global green citizen. • Honesty-accept the reality of climate change and be aware of how we can act now to improve things. • Empathy- understand how climate change affects vulnerable people. Enact kindness to those affected. 	
Vaping and the environment		Science and hope	
<ul style="list-style-type: none"> • Issue 1 Vaping products contain plastic waste. Many popular e-cigarettes are pod-based devices with single-use plastic cartridges. Most are non-biodegradable and not recyclable. • Issue 2 Electronic waste from disposable e-cigarettes are thrown away instead of being disposed in special electronic waste facilities. Batteries put in rubbish bins pose both an explosion and fire risk in waste and recycling facilities or trucks. • Issue 3 Hazardous chemical waste. Pods and e-liquid containers cannot be recycled with other plastic waste because they contain nicotine. 		<ul style="list-style-type: none"> • Plastic eating enzymes- scientists have engineered an enzyme which can digest some commonly polluting plastics, providing a potential solution to plastic pollution. • Robotic jellyfish - can explore the coral reefs and record temperatures and acid levels, so that scientists can see the true effects of climate change in these hard to access areas. • Methane- a greenhouse gas primarily released by cows and pigs. • Benefits of lab-grown meat -less greenhouse emissions, less water consumption, no slaughtering of animals, less land used. 	