

Tech for Helping the Planet Assembly Handout

This handout contains information about the **Tech for Helping the Planet Assembly**. Scan the QR code to download the **Tech for Helping the Planet Assembly**. Scroll down the page and click on the red **Assemblies slide** tab.



Problems Facing Our Planet

Global warming and plastic pollution are affecting our planet. Technology can help us to solve these problems, and find different ways of generating energy, to make sure that we look after our planet for people in the future.

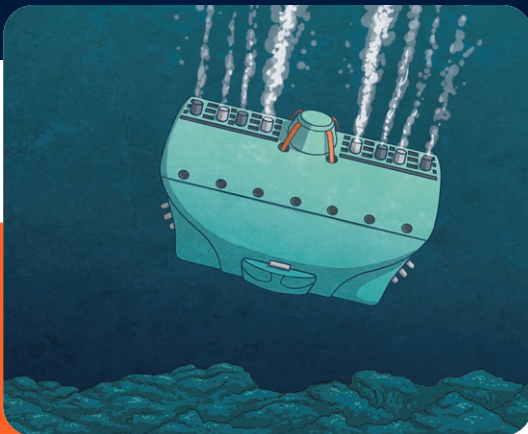


Technology and Our Planet

Technology is the use of science and knowledge to solve problems or invent useful tools. Researchers and engineers are investigating how we can power cars without burning harmful fossil fuels. Technology can help us to live in a more sustainable way and help our planet.

Technology to Protect the Oceans

Technology has been developed to remove plastic from our oceans and help grow and protect endangered coral reefs. Marine engineers plan, build and repair boats and submarines. These boats and submarines could be used to help research and look after sea life. Marine robotic engineers design and build robots to go underwater and help us learn about and protect environments under the ocean.



Technology to Protect Animals

Technology can make protecting animals easier. Thermal imaging, drones and satellites help people locate animals and monitor their numbers. Ecologists develop and use technology to help them understand and improve the environment. Aeronautical engineers design and build drones and flying machines that can be used to help protect lots of different animals.

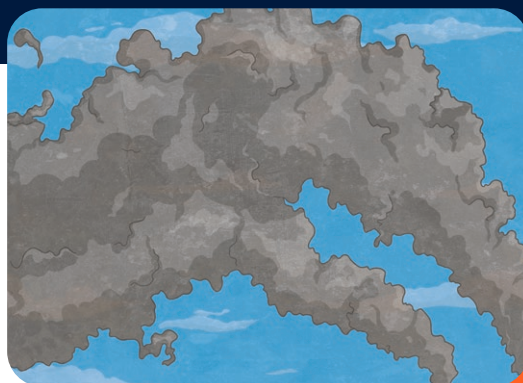


Technology to Reduce and Recycle Waste

Companies are inventing technology to help us reduce waste or recycle waste more efficiently. Product designers use their design skills and technology to create new products and improve the way existing products work and look. Environmental engineers try to solve environmental problems such as recycling and how we get rid of waste and pollution.

Technology to Protect the Air

Technology is being invented so we can use alternative fuels that create less pollution to power vehicles or heat our homes. Renewable energy engineers design and develop new ways of producing energy using renewable sources. Automotive engineers research, design and develop vehicles of the future. They think about ways to power transport that would cause less pollution.



Follow-Up Activity

Design a piece of technology that could help protect sea or land animals. Think about how the technology could help them. Maybe it could help remove pollution or allow scientists to locate, count and track animals more easily. Draw your design on paper or use a computer and include details of how your design will help protect sea or land animals.