## Calling all STEM Innovators!

## The Earth needs YOUR help!



The year is 2085 and the Earth is struggling! There are enormous mountains of trash, rivers of slow moving sludge, and thick blankets of brown fog filling the skies! The bees have gone missing, the fruits and vegetables taste absolutely terrible, and the cows are producing purple milk! The ocean is turning green, the trees are shriveling up, and the flowers are smelling like toots! Planet Earth is in complete chaos and only YOU can help us!

## **STEM CHALLENGE**

Your mission is to use your STEM skills to design an **Eco-Robot** to save the day! The citizens of Planet Earth are hoping you will accept this challenge and create a mighty robot to help save the planet from the clutches of evil environmental destruction!

For this project, your challenge is to build your Eco-Robot from recyclables (plastic bottles, cans, paper towel rolls), natural materials (twigs, shells, leaves), and repurposed items (gears, buttons, metal objects). Take a moment to think about some problems that our environment is facing (i.e. pollution, global warming) and hypothesize ways that we can solve these issues. We encourage you to think outside the box and really get creative!





## **AND FINALLY...**

Please share your amazing Eco-Robot with the Education Department along with a little write up about your design! This should include the Eco-Robot's name, what problem it was engineered to fix, and how it is going to save the Earth!

It's time to solve real world problems with the amazing powers of STEM!