The Environment Turtle

Class: 6A

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1) **Idea description** - what is the overall idea of the robot and what challenges should it solve or improve? It's gonna help the ocean with plastic and trash in the water. It will go around the ocean and beaches and say ”Don't throw trash in the ocean, throw it in me!”, it will be able to get rid of the trash in a special trash can in the oceans sand when it's full by going to a station where there will be some workers and because of the salt it will also change shell often. It will take the trash by eating it and then it will go into its trash can in its body.

   This robot (other robots) also cleans the beaches, but it's too clumsy and too big. And also my intention is to show people that turtle actually eat the trash that you throw.

2) **Target group** -

   Environment is the group benefit. I think it's the most important because people can be born again, but the environment can't be born again, so we need to keep it for longer.

3) **Design** - It's gonna be a water proof turtle that will have trash inside of his body. It will go around the beach and it eat trash and everytime you throw trash to it you will get a 10 minute parking lot for the trash you threw, but you can just get one time though.

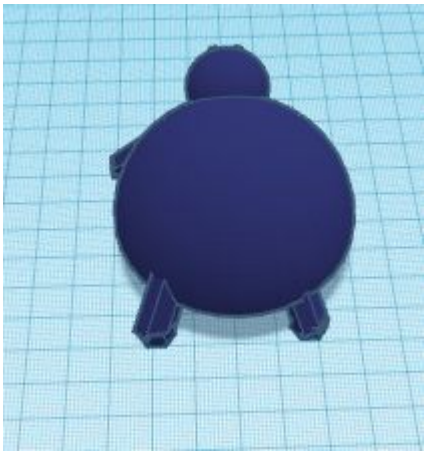
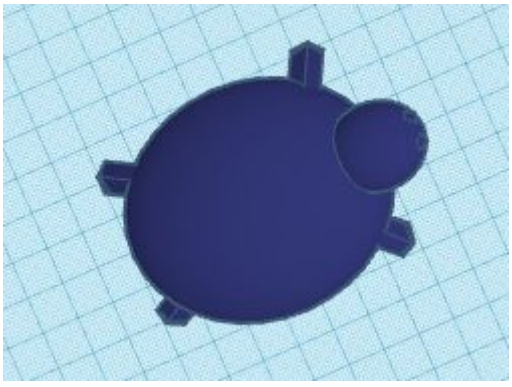
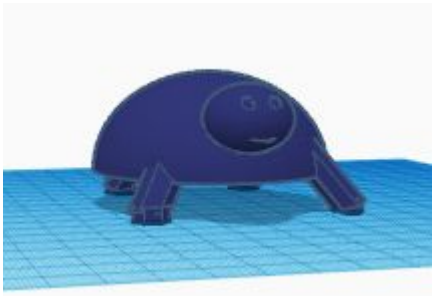
   It will use electricity, waterproof, metal, cardboard trash bag, camera, speaker, turtle texture. It will walk as a normal turtle! It will give out 10 minute parking lots cards as a prize.

4) **Threats and opportunities** -

   Robots might not listen to what you say, for example you program them to help you in wars but instead they go and shoot you! But there are positive effects, for example, robots are way smarter than us, so they can help us humans, and as we made robots, if they take over the world, we programmed them so we know what to do.

5) **Sketches** I made it in my notebook and in my 3D print.

   https://www.tinkercad.com/things/840JTY730rM-the-environment-turtle/edit

6) **Flowchart** My Scratch: Made a video about it.

7) **Logbook** - I made it in tinkercad as a 3D design.