

# CB-1

**Name:** Grace; 6C

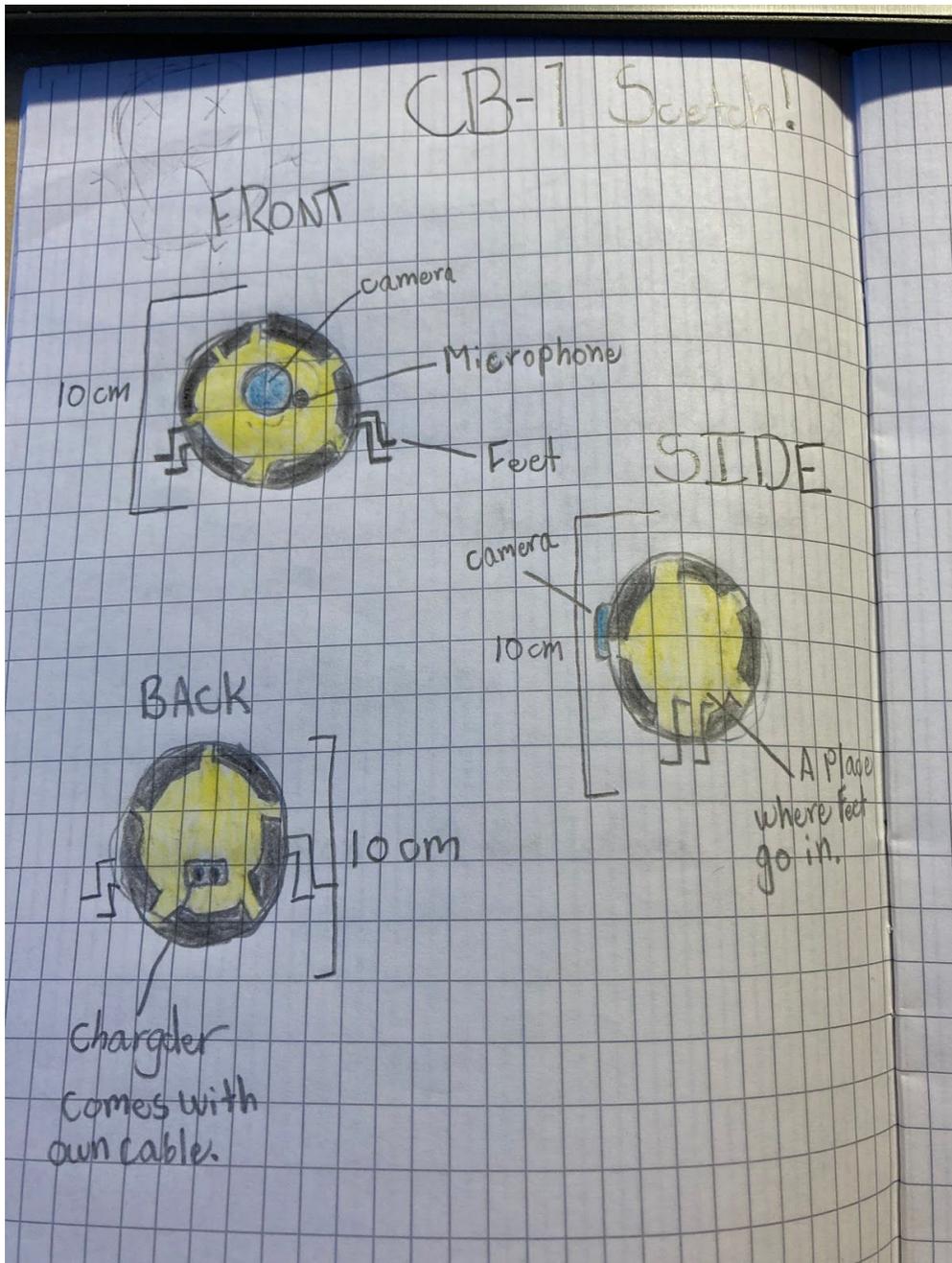
**School:** Internationella Engelska Skolan Krokslätt, Göteborg, Sweden.

**Project Name:** My robot is named CB-1

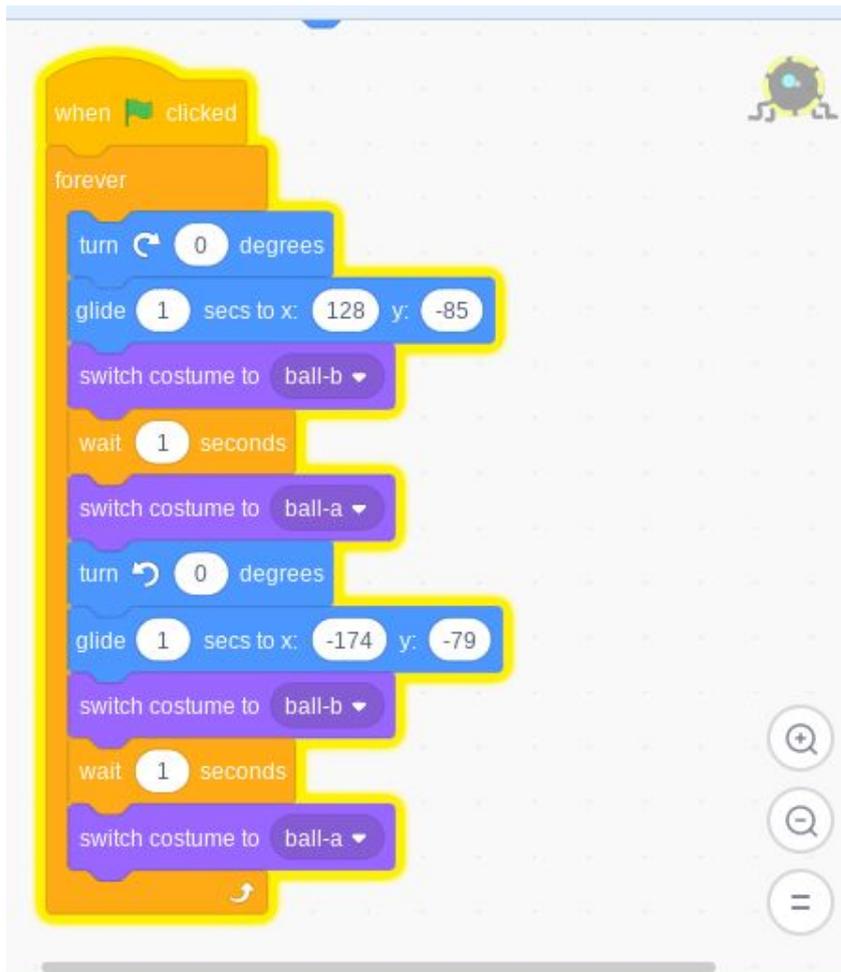
- 1) **Idea description** - C stands for cooking and B stands for body. This robot can scan food to see how much it is and then make a recipe with the ingredients and it will say how to do it and when you do wrong. It can also see if the food is old, moldy or rotten. **Target group** -Health/ Medical care and Elderly care.
  
- 2) **Design** - CB-1 looks like a ball that can roll around and when it scans food it takes out tiny feet (Two on one side and two on the other one) to hold still with the camera scanning the food. It can come in five different colors Yellow, Purple, dark blue, black and red, and then a black scanner which is two cm and the robot is ten cm. It can sense when someone is about to step on it so it will quickly roll away. It has a sense for hot things and can warn.  
  
There should be a layer of metal so it can hold its shape and not break, if it rolls around on the floor the floor will destroy so there will be a layer of rubber on the outside, because the legs are thin and they are made out of metal. If you say "Hey CB-1" it will answer and you can play music.
  
- 3) **Threats and opportunities** - Robots can be really bad if they took over because if someone hacked them they can turn them on to killer mode or something so people will get killed or the robots will take over and try to kill people so they can take control. The good thing is they will be able to help

people and children.

4) **Sketches**



5) **Flowchart:** <https://scratch.mit.edu/projects/452510451/editor>



- 6) **Logbook** - First i made a ball of normal paper then crunched a paper over the ball to make it more round then i pot on some legs which holds the ball steady then i made a censure that was blue and a speaker that is grey. I painted the robot silver and made a yellow line that makes sure it does not roll into things.

