**Week 2 – Questions**

# Question 1

For driving you just give power to the big motors and thus by changing the power you can make it go all directions.

Forward: + +

Backwards: - -

Left: - +

Right: + -

# Question 2

We have made the design to use gears and while it is grabbing it is also lifting the object. We are just sending power to the smaller robot.

# Question 3

The color sensor should be placed facing down either in the front or in the back of the robot and if it detects some other color rather than black it will steer accordingly.