Challenge #2

**Challenge A**

You need to program the robot to….

* + Make our car drive **forward**
	+ Make sure the car **stops** when it is 20cm away from the wall

Teachers signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Challenge B**

You need to program the robot to….

* + Make our car drive **forward**
	+ When the car is 20cm or less away from a wall it needs to:
		- **Reverse** for 10cm
		- **Turn** 90 degrees
		- Continue to drive **forward**
	+ This program needs to keep running until the user **stops** the program
* Teachers Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_