



Name: 1. _____

2. _____

3. _____

Project #2:

In this project, you will use the **Dynamic Castle Crasher Playground**. You will program the VR Robot to utilize the Drivetrain commands to move around the playground in order to knock over all castles and clear every building off of the playground. Your program must have a strategy for the robot to automatically look for and find the castles, not moving around aimlessly. This Playground comes with a twist! Every time the **Dynamic Castle Crasher Playground** is reset, the layout of the castle buildings will change. You will need to create an algorithm that instructs the VR Robot to complete the challenge for all possible **Dynamic Castle Crasher Playground** layouts. Also this Playground doesn't have walls, so don't drive the VR Robot off the edge or it will fall off the Playground. Figure out what sensor(s) to use to avoid driving the VR Robot off the edge of the Playground.

