

Learning Standard

Math

The Number System - 6.NS.C.8

Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.

Evidence of Learning

Students will demonstrate

When students have determined the best way to program their robots to bring packages to the three different points on the coordinate plane, they will demonstrate their findings to the teacher to be checked off. When they have the first route finished, they will use the same process to complete the other two routes. Extension: If students successfully program all three routes on the coordinate plane, they can either attempt to program the robot to make all nine routes without returning to the warehouse or program one robot to make all the deliveries, including the three returns to the warehouse.

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