Lego NXT: Vending Machine Robot

Group 1

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Objective: To make a vending machine style robot. There will be a small selection of soda cans resting atop a platform with chutes. For simplicity there will be a red can and blue can. The Lego NXT robot will move back and forth along the cans. A light sensor will detect the color of the can based on the light reflected by that color. An arm on the robot will knock the proper can down a chute, thus dispensing the beverage.