

Instructional Video Project Report

Topic	LEGO Mindstorms NXT
Audience	Kids and adults ages 10 and up
Purpose	<p>Provide the audience with a basic overview of the LEGO Mindstorms NXT robotics kit, including what is included with the NXT kit and a brief lesson in building, programming*, and testing an NXT robot.</p> <p>*(with LEGO Mindstorms NXT software)</p>
Objectives	<p>After viewing this video, the viewers will have a greater knowledge of LEGO Mindstorms NXT and be able to perform the following:</p> <ul style="list-style-type: none">• Identify the basic types of NXT pieces and components• Distinguish between the NXT electronic components and their functions• Build a simple robot with the use of a guide book• Program a simple robot using the NXT programming software• Test a simple robot