Lego Egg Drop Instructions

Your task is to design and assemble a robot that can safely pick up an egg from the table and deliver it to the ground below without breaking.

Rules

• Materials include the pieces from one NXT Mindstorms kit and as much string as desired. No extra lego pieces than those defined in the NXT kit inventory are to be used.
• The robot must be free standing and cannot be connected to the table, chairs, or other items in the classroom.
• The robot is allowed to use the NXT kit box as a wall to push against, but no other items can be used.
• The robot will test with wooden eggs, only using real eggs during the official trial when the ground has been protected in the drop zone under the robot.

Sketches

Please refer to the rubric for details of what is to be included in the robot sketch. Sketches will be completed and turned in by hand.