**Instructional Day:** 5

**Topic Description:** Build the base of the robot.

**Objectives:**

Students will be able to:

* Assemble the base of the robot.

**Outline of the Lesson:**

* Explanation of LEGO Mindstorms manual (10 minutes)
* Assembly of base of robot (45 minutes)

**Student Activities:**

* Student groups assemble the base of the robot.

**Teaching/Learning Strategies:**

* Have students get out their kits and the manual that comes with the kit. Go through step 1 on p. 8 with the students to make sure they understand the format of the manual.
* Ask student groups to assemble the base of their robot according to the instructions on pp. 8- 21. (Batteries should be charged in advance.)

**Resources:**

* LEGO Mindstorms manual