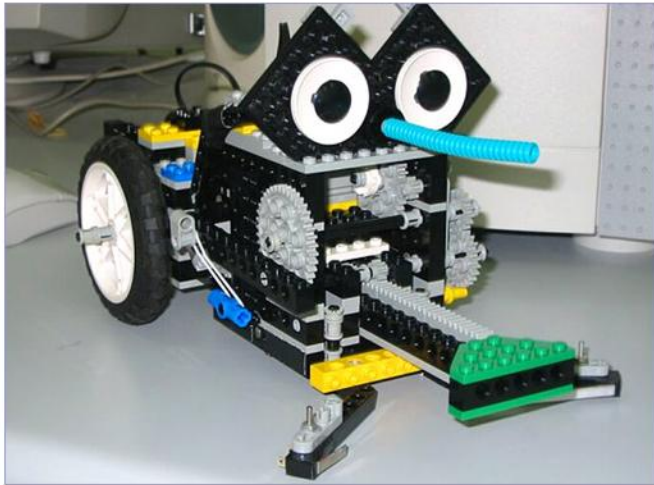


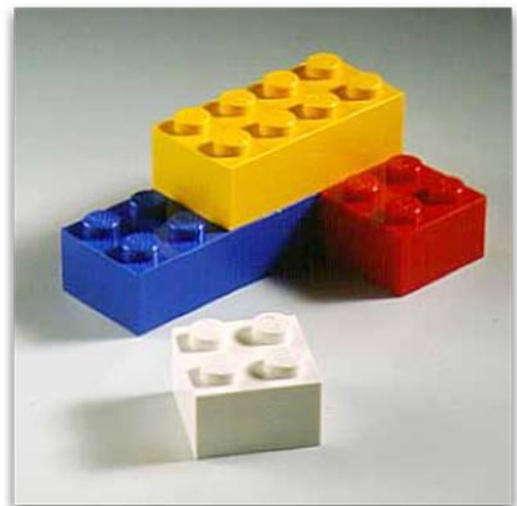
# LEGO ROBOTICS



Participants of this program build their robots using the Lego©Mindstorms sets, which includes the programmable brick (RCX), that was developed by MIT. The participants use gears, motors, and Lego parts to build a robot. Training starts by introducing basic concepts of building and commences

with the introduction of a graphic-based programming environment, that enables youth to manipulate motors, lights and sensors in an attempt to help the robot perform a task.

The program is transferred from the computer to the brick, a special tower that uses infrared communication to accomplish this task. The entire building process is monitored by a database that helps youth record their project, access building instructions, store their programming solutions, and write investigation notes as they encounter new problems and make new discoveries.



To learn more contact Mr. Dan at 263-8573