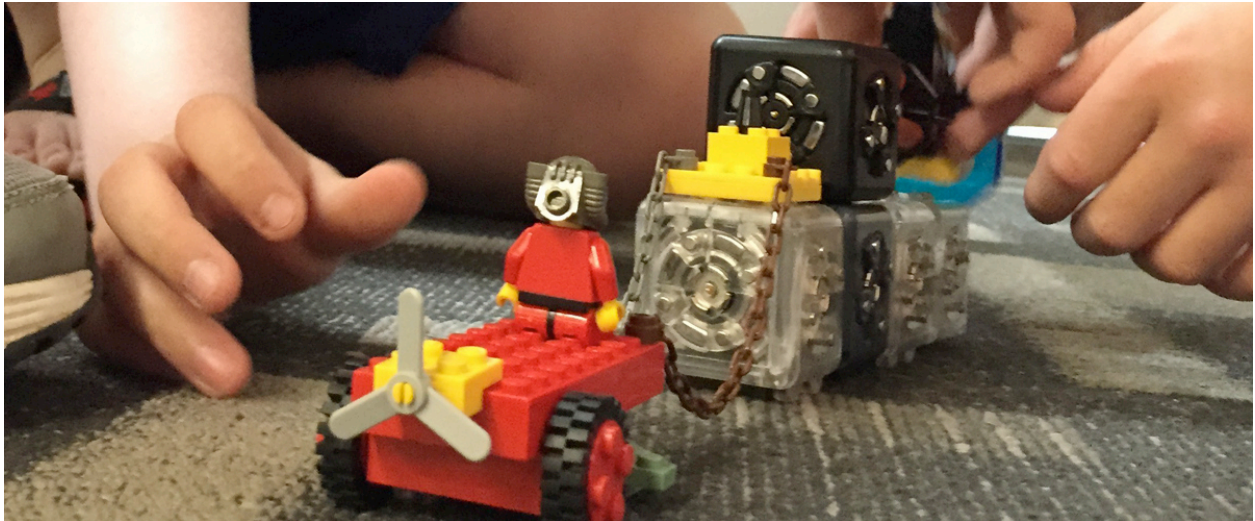


A.1.X | The Race of the Robots

Extension activity to use after Lesson A.B.2, A.M.1, A.A.1

Teams of students build a three cube robot, add Lego creations to jazz it up, and race their robots.



Allow teams of students to use Legos to jazz up one of the robots they made using three cubes. Encourage them to name their robot and think about its purpose.

1. Make a “roadway” on a long table with a start and finish line.
2. Have teams race their robots to see which robot can cross the finish line first. You may need to do this by racing a few robots at a time - in this case you will need to use a stopwatch to record and compare results.
3. Have the winning team present an explanation about the design and engineering of their robot and why they think it won.
4. Have the other students comment about what they might do next time to make a winning robot.