

HANDS-ON ROBOTICS INFORMATION SHEET

Sample Time Range: 5:15-6:30 (Duration 1.25 hours)

Age Range: Kindergarten to Middle School

MATERIALS REQUIRED (TEAM BRINGS)

Design: Laptop to show CAD, different robot parts (different sensors, wheels, etc.)

Build: Electrical equipment, possibly build-related kid-safe demonstrations

Programming: Laptop to run the robot

Business: N/A

All: Current robot

SAMPLE SCHEDULE:

4:30-5:00 - W.A.R. Lords show up, set up various stations.

5:00-5:15 - Children and parents/teachers arrive

5:15-5:30 - An introduction of who we are and what we do, what robotics is.

5:30-6:10 - 10-minute rotations at the four stations (see below).

6:10-6:30 - Live robot demonstration, closing statements.

STATIONS:

Design: shows robot CAD on a laptop, lets kids see robot parts in a "hands-on" setting

Build: small, hands-on demonstration. Potentially a take-home project.

Programming: autonomous demonstration, showing code, questions

Business: yes and! (Improv workshop)