Class A: Robot Basics

- What we explored today:
  - The history of robots and how robot anatomy compares to human anatomy.
  - We practiced walking on Coop-A-Walks to see how robots have to coordinate movement.
  - What center of gravity is and why it is so important to robots.
  - Worked on building the robot we take home.
- What we took home today:
  - Crazy Balls – we made our own center of gravity balls!

Class B: Circuits

- What we explored today:
  - What a simple circuit was and practiced building our own circuits.
  - Used simple circuits to build Bugbots.
  - Experimented with a robotic arm and a hydraulic robotic arm.
  - Worked on building the robot we take home.
- What we took home today:
  - Bugbots – a fun way to show the completion of a simple circuit!

Class C: Robot Exploration

- What we explored today:
  - Asimov’s Rules of Robotics.
  - Relay game using robotic hand simulators.
  - Designed our own robots.
  - Experimented more with robotic arm and hydraulic robotic arm. Experimented with binary player (basic programming) and sound reactive robots.
  - Worked on building the robot we take home.
- What we took home today:
  - Robot Hand – a basic demonstration of robot hand movement!

Class D: Coding Introduction

- What we explored today:
  - Experimented with Ozobots. We did our own coding to make the robots follow different colored lines.
  - Experimented with Dot and Dash robots. We did our own coding to play a game of Hot Potato with Dot and Dash.
  - Worked on building the robot we take home.
- What we took home today:
  - Circuit Mazes – a fun way to explore circuits some more!

Class E: Coding Exploration

- What we explored today:
  - Experimented with group coding challenges for the Ozobots.
  - Experimented with more advanced coding challenges using Dot and Dash. Included trying to design our own code to make Dot or Dash do something completely new.
  - Worked on the robot we take home.
- What we took home today:
  - Kingii Dragon Robot (if this is not the last day of camp, either the Robot Hand or the Circuit Maze will be the take home).