Robotics Primary and Real Time Challenges

Innovate-IT Showcase, Spring 2023

# Primary Challenge Overview

For the 2023 IT Showcase, you must bring your robot and give a 3-5 minute presentation about the process of creating your robot and showing us what your robot can do. This will be the culmination of your learning throughout the last year and will be an excellent way to show off the skills you have developed. This is an open showcase, you may choose any task for your robot to perform.

# Requirements

Bring your robot/robotic platform and whatever else you need for your presentation (ex. Laptop, posters, props, etc.)

Finally, a note on the appropriateness of your creations: Your robot and the tasks it performs should be appropriate for both your age group (high school) and venue (a public event containing people of many backgrounds and beliefs). Your creation is required to be appropriate for both categories.

# Real-Time Challenge Overview

For the 2023 IT Showcase, you will be asked to use and evaluate a new [robotics platform](https://www.petoi.com/pages/bittle-open-source-bionic-robot-dog). We will provide all of the materials needed.