

Lighthouse hosts the Super Nova Series

Robotics

Merit Badge

Ever wanted to
experience
engineering and
construction of your
own robot?



Saturday, October 24th, 2026

9 am – 3 pm

Build a programmable robot and take him home

Come to the Scout Rinker Center

8335 N Military Trail

Palm Beach Gardens, Florida 33410

\$20 / person (prepaid to Council) includes pizza and soda lunch and all the materials !!!

Craig.dufresne@thermofisher.com or 561-951-5582 for Questions

Registration is through Black Pug

How the day works:

- Scouts and adults will be given a robot kit, including an Arduino microcontroller and two rechargeable Li Ion batteries to take home.
- The Scouts will be taught programming, mechanical building of the robot, motor control, and sensor control. The last part of the day will be a competition for each Scout's robot.
- **Each Scout needs to bring a Windows laptop for Arduino software loading with a USB port, pens, and a notebook with at least ten pages of paper**
- The Scout will need to purchase a charger if they want to continue to use the robot after they take it home. A good example is "Fast Charge 3 18650 Battery Charger USB Smart Rechargeable Battery Charger For 3.7V Li" on Walmart.com for under \$10