

SPHERO RVR + LITTLEBITS



MISSION

RVR+LITTLEBITS: SEARCH AND RESCUE MISSION

Saving people and keeping communities safe is part of what it means to be a superhero. Gather some teammates and create or join a super squad because now is your time to turn RVR into your own Batmobile in order to complete a daring search and rescue mission!

Teams will program RVR and design, build, and engineer solutions with littleBits to complete objectives for a successful search and rescue mission.



THERE WILL BE MANY CHALLENGES IN YOUR BOLD QUEST WHICH INCLUDE:

- Program RVR to navigate through obstacles semi-autonomously, just like the Batmobile steering through a crime-ridden Gotham City.
- Use RVR's sensors, including its built-in color sensor and infrared sensors to stealthily avoid being caught during the mission.
- Engineer solutions with littleBits and craft materials to transport objects back to a safe zone.

During the challenge season, you will document your learning in your engineering journal. Each team will showcase the mission objectives by submitting program code, providing a video of their RVR and littleBits inventions completing the outlined challenges and completing a creative challenge.

