

sphero
RVR + littleBits
MARS
MISSION

Your Martian RVR is ready for its missions!

Gather some friends and create or join a team! It doesn't matter your ability level, there will be things that anyone can help with, and what better way to learn something new!

This is the moment your team has been working towards. RVR is stationed on Mars and is expecting a supply mission to land. Program RVR and design, build, and engineer solutions with littleBits to complete all of the objectives for a successful Mars resupply mission.



There will be objectives that your team will need to complete by programming RVR to navigate around the game field and by building littleBits inventions to interact with the physical world.

- Lift, push, or pull objects
- Create physical interactions with the Martian environment
- Program RVR to autonomously move in space just like you were controlling a real Martian rover.

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.