



SCHOLASTIC MOTIVATION

ROBOTICS MINISTRY

Purpose: To expose the youth of the Church of God in Christ to engaging, fun, and meaningful STEM (Science, Technology, Engineering, Math) experiences that will have a positive impact on their lives.

Session I – In this session, the robotics will be introduced and a robot will be assembled. Basic programming will be introduced. The Space Challenge will be introduced. This session is for beginning robotics students. (Grade level: 6th – 12th grade)

Session II – The Space Challenge missions. The mission will be 2.5 minutes. Each participant will be responsible for their own robot. The mat will be set up for practice the first 15 minutes of the session.



EV3 Space Challenge

There are seven missions which can be attempted as part of the Challenge.

They are:

- Activating Communication
- Assemble the crew
- Freeing the MSL Robot
- Launch the satellite
- Return rock samples
- Secure the power supply
- Initiate a launch



For more detailed information on the missions go to
YouTube and search for Lego EV3 Space Challenge.