VEX IQ Exploration Roles

Students can be organized groups of two to four students when participating in the exploration.
The following roles can be utilized during the exploration:

- **Builder** -- This person checks that the robot is properly built and ready (e.g. Are all the motors and sensors plugged into the correct port? Is the Robot Brain turned on?) before a project is run.
- **Programmer** -- This person will use the drive block to create a project on the computer or tablet. This person will also download the project to the robot.
- **Driver** -- This person selects the project and then runs it on the robot. This person will also be the one to retrieve the robot after it has run.
- **Recorder** -- This person writes down all of the group answers/reflections in the engineering notebook.

If there are two students in each group, the students can each choose two roles. If there are three students in a group, one of the students can choose to do two roles. If there are four students in a group, each student can have one role.

Provide the list of roles and their definitions to the students. Once students are in their groups, allow the members to choose their role. Circulate the classroom and makes sure that every student has a role. There is an optional collaboration rubric on this page.

Remind the students of roles throughout the exploration. For roles to work, students have to feel as though they will be held accountable for fulfilling those roles. Therefore, interject if you see a student taking over someone else's role or not fulfilling their assigned role. Reminders about who is supposed to be doing what can be useful interventions.