**Team Roles**

A mission manifest is provided for you to assign students to teams. Team names are listed on the manifest, and all teams have the same importance. Create your teams based on how your students work well together. We are relying on you to create a heterogeneous group of students based on what you know about their behavior and academic levels. If, in order to have students in all eight groups, you have one team that is not full, assign more than one role to a student on the team.

It is very important that you determine your student teams early so that students have practice in the classroom working together. Please have students work in their assigned teams on pre-mission assignments.

The *Mission to Mars* will take place with students serving on teams with the following roles:

**PROJECT MANAGER:**



Assures the active participation of all team members and keeps the team on schedule

Approves the final team decisions

**COMMUNICATIONS SPECIALIST**:



Relays all relevant verbal communication within the group

Manages all communication through the iPads

**ENGINEER:**



Responsible for all mathematical calculations

Designs, builds, and tests digital models and physical structures

**SCIENTIST:**



Ensures any designs and plans are consistent with scientific objectives

Records all data and observations from science experiments

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| --- | --- | --- | --- |
| **Team Alpha** | | | |
|  |  |  |  |
| Project Manager | Comm. Specialist | Engineer | Scientist |
|  |  |  |  |
| **Team Bravo** | | | |
| Project Manager | Comm. Specialist | Engineer | Scientist |
|  |  |  |  |
| **Team Charlie** | | | |
| Project Manager | Comm. Specialist | Engineer | Scientist |
|  |  |  |  |
| **Team Delta** | | | |
| Project Manager | Comm. Specialist | Engineer | Scientist |
|  |  |  |  |
| **Team Echo** | | | |
| Project Manager | Comm. Specialist | Engineer | Scientist |
|  |  |  |  |
| **Team Foxtrot** | | | |
| Project Manager | Comm. Specialist | Engineer | Scientist |
|  |  |  |  |
| **Team Tango** | | | |
| Project Manager | Comm. Specialist | Engineer | Scientist |
|  |  |  |  |
| **Team Zulu** | | | |
| Project Manager | Comm. Specialist | Engineer | Scientist |
|  |  |  |  |