**Mission Manifest Instructions (Gr. K-4)**

Our Mission Objective:

 \* To determine if a newly discovered planet would be suitable for colonization and habitation by humans.

 Student astronauts will need to apply their background knowledge concerning the basics that living things need (food, water, shelter) to survive in order to develop a hypothesis that answers our mission objective.

The purpose of the Mission Manifest is to facilitate placing students at their crater as quickly as possible.

Students will work in color coded teams to perform various tasks and collect evidence.

The Team Leader should be a student that possesses good reading and organizational skills. This team member will hand out task cards, equipment, collect a few samples of their own, and record data reported by other team members.

**Please make sure each student knows their team color, job assignment, and job responsibilities before arriving for the mission.**

Use the chart below to complete the manifest based on the number of students in your class.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Atlantis** | Challenger | Columbia | Discovery | Endeavor |
| 16 students | 4 students | 3 students | 3 students | 3 students | 3 students |
| 17 | 4 | 4 | 3 | 3 | 3  |
| 18 | 4 | 4 | 4 | 3 | 3  |
| 19 | 4 | 4 | 4 | 4 | 3  |
| 20 | 4 | 4 | 4 | 4 | 4  |
| 21 | 5 | 5 | 4 | 4 | 3  |
| 22 | 5 | 5 | 5 | 4 | 3  |
| 23 | 5 | 5 | 5 | 4 | 4  |
| 24 | 5 | 5 | 5 | 5 | 4  |
| 25 | 5 | 5 | 5 | 5 | 5  |

**New World 2.0 Mission**

**New World 2.0 Manifest Gr. 1-4**

Teacher/Group \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Job Descriptions

**Team Leader**-Manges backpack and materials

**Mission Specialist/Biologist**-Searches for signs of life on the planet, collects evidence of water, plant, and bug

 life

**Mission Specialist/Geologist**-Studies the geology of the planet and collects various geologic specimens

Gr. 1-4 Teams will also work together to construct our energy grid and communications center.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | AtlantisTeam | ChallengerTeam | ColumbiaTeam | DiscoveryTeam | EndeavorTeam |
| Team Leader |  |  |  |  |  |
| Mission SpecialistBiologist |  |  |  |  |  |
| Mission SpecialistGeologist |  |  |  |  |  |
| Mission SpecialistBiologist  |  |  |  |  |  |
| Mission SpecialistGeologist |  |  |  |  |  |

 **Using the chart provided on the other side complete the roster for each team.**

Team Names and Colors

Job Assignment