A picture containing diagram

Description automatically generated** Gr. 2 Discovery Lab**

**Crew Manifest**

Mission Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time \_\_\_\_\_\_\_\_Teacher name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ School\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# of students \_\_\_ boys-\_\_\_ girls-\_\_\_ # of chaperones \_\_\_\_\_\_\_\_ Email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\* Solar System is listening intensive.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crew Members** | **Team Rotation #1** |  | **Crew Members** | **Team Rotation #1** | |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **1**  **Probe Construction** |  | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **9**  **GB 2-Magnetism** | |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **2**  **Microscope** |  | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **10**  **Monster Trucks** | |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **3**  **Sorting Matter** |  | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **11**  **Sorting the Bugs** | |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **4**  **Identification/**  **Order of the Solar System\*** |  | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **12**  **Medical** | |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **\*5**  **Chemical Weigh Station** |  | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **13**  **Electrical** | |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **6**  **Microbes** |  | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **14**  **My NASA Bag** |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **7**  **Star Chamber**  **Mystery Mission** |  | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **15**  **Lego Rover** |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **8**  **GB 1 – Separating Mixtures** |  | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **16**  **Pan Balances** |

**How to Complete the Manifest**

With groups of 25-50 please divide your students into two groups. Groups of 50-75 should be divided into 3 groups. One group will start in the lab and the other will start in our EVA room(s). Then we will switch.

A completed manifest helps us quickly place your students at their first work station in the Discovery Lab and maximize the amount of time they have to work in the lab.

When the students are in the lab you may then further group them according to what works best for your particular group.

Here are some suggestions-

* If you want to promote teamwork you can have them all work in pairs.
* If you would like them to work independently-as if to simulate the Gr. 4 science test scenario-that works also, with possibly only a few students working in pairs.
* You may also want to have a stronger reader pair with a struggling reader, or stronger math skills etc.
* You can have a mixture of some students working in pairs while others work independently.

Do not be concerned if you don’t have students at every station.

Students will have the ability to work at their own pace and will be moved to a new station once their data log is completed satisfactorily and their work area has been cleaned up.

Students will not be able to complete all 16 stations in the one hour time frame.

Please bring the completed form with you on the day of your visit. If you prefer to FAX them before your visit, our FAX # is 716 379 8687.