



Mars Missions Flight 2012-13

COLONY COMMANDER LOG

Welcome to Mars! Please use this form as a checklist to guide you through the Link-Up Day activities in your colony.

Link-Up Day Site: _____ Date: _____

Colony Commander: _____ Colony: _____

Arrival and Registration

- 1. Check in with **Mission Commander** and receive **Colony Commander Registration Packet**. (*Colony Commander Log, Floor Plan, Link-Up Day Agenda, Megaphone, Flight Director List & Packets, "Mission Control Approved" stamps, Habitat Door Numbers, "One Way & Do Not Enter" signs, Boarding Passes*)
- 2. Assist volunteers in getting started at the various holding stations.
- 3. Greet **Flight Directors** (5th grade teachers) as they arrive and settle in at their **Docking Habitat** sites. Note: Student **TEAMS** will be proceeding through the **6 holding stations** at this time.

TEAMS Report to Colony Habitat Site & Form Habitat CREW

- 1. Upon completion of the **6 holding stations**, student **TEAMS** report to their **Colony Habitat** sites. Keep track of the **Flight Director (FD)** and **TEAM** arrivals by placing checks in the tables below.

FD	TEAM #	A	B	C

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FD	TEAM #	A	B	C

- 2. After **TEAMS** meet their **Flight Directors** at their **Colony Habitat** sites (numbered squares on floor plan that correspond to the number portion of the **TEAM** name), they become **Habitat CREWS** and are ready to begin constructing their habitat.

Habitat Construction

- 1. When all of the **TEAMS** in your **colony** have arrived, announce that it's time to begin **Habitat Construction**, then announce and record the **Official Habitat Construction Start Time**, per the time on your watch.

(a): a.m. p.m.
- 2. When **Habitat Construction** is complete (including all connecting tunnels), each **Flight Director** in your **colony** should report to you that their construction is complete. Check off the completed **habitats** below.

Habitat #	Construction Complete

Habitat #	Construction Complete

Habitat #	Construction Complete

- 3. When all of the **Flight Directors** in your **colony** have reported to you that their **habitats** are completely constructed, announce and record the **Official Colony Habitat End Time**, per the time on your watch.

(a): a.m. p.m.

4. Compute the **Official Colony Establishment Time** by subtracting 1.(a) from 3.(a), then record the result below.

minutes

5. Using the **Official Colony Establishment Time** you computed above, instruct **Flight Directors** to award points on the **TEAM Mission Logs** for each **TEAM** in their **Habitat CREW**.

Lunch On Mars

- 1. Announce to the **Flight Directors** in your **colony** that it's time for **Lunch on Mars**.
- 2. **Flight Directors** and their student **TEAMS** will eat lunch inside their **habitats**.
- 3. Each **TEAM** will weigh their **lunch waste** at the **Lunch Weigh-In Station** after they finish eating lunch.

Habitat Link-Up (Cut Tunnel Openings)

- 1. After giving the **habitats** in your **colony** 20-30 minutes for lunch, announce it is time for the **Habitat Link-Up**. Instruct **Flight Directors** to have their **Habitat CREWS** cut the **connecting tunnel opening(s)** inside their **habitats**. Students are NOT allowed to travel through the **connecting tunnels** at this time.
- 2. Post the **“ONE WAY”** and **“DO NOT ENTER”** signs, from your packet, inside each of the **habitats** so that traffic flow goes from the **lower-numbered habitats to the higher-numbered habitats**.
- 3. Ask **Flight Directors** or **Leadership Flight students** in your **colony** to report to you when the **Link-Up** for their **habitat** is complete (tunnel openings are cut and signs are posted). Check off the completed **habitats** below.

Habitat #	Link-Up Complete

Habitat #	Link-Up Complete

Habitat #	Link-Up Complete

Colony Visitation / CREW Exploration

- 1. Announce that the **colony** is now open for exploration (students, parents, administrators, dignitaries, etc.).
- 2. **Flight Directors** send their student **TEAMS**, each with a **Colony Exploration Pass**, to explore the **colony**, in an orderly fashion. Student **TEAMS** should not run or push, and must be respectful of the other **CREWS**, **habitats**, **life support system models**, and the hard work that went into building them. **Flight Directors** remain inside their **habitats** to assist with traffic control. Students should travel from **habitat to habitat** using the tunnels and following the posted **“ONE-WAY”** signs inside. They are allowed to explore ONLY the **habitats** in their **colony**.

TEAMS Return to Classroom Teacher and Docking Habitat

- 1. The departure time for your **colony** is _____.
About 20 minutes before your **colony** departure time, announce that **Colony Visitation / CREW Exploration** is over, and instruct **Flight Directors** to have their students pack up all of their belongings and proceed to their **Docking Habitat** (where the students' regular classroom teacher is the **Flight Director**).

Clean-Up, Inspection, and Validation

- 1. Teachers and students deflate, fold, and pack the **Docking Habitat**. Each Flight Director takes their deflated Docking Habitat back to Earth with them.
- 2. Make sure that teachers and students thoroughly clean up the **Docking Habitat** area, which includes picking up all tape from the floor and placing all trash in trash containers.
- 3. **Flight Directors** will ask you to inspect their area after they complete the clean up and pack their belongings. If the area meets your inspection give the **Flight Director** a **Boarding Pass**, from your packet, and stamp the appropriate space on their **Flight Director Log** with a **“Mission Control Approved”** stamp.

Departure

- 1. After you award the **Boarding Pass**, send the teacher and students to the **Departure Station**.
- 2. Return this **Colony Commander Log** and all other materials/supplies to the **Mission Commander**.
- 3. Have a safe trip back to Earth!