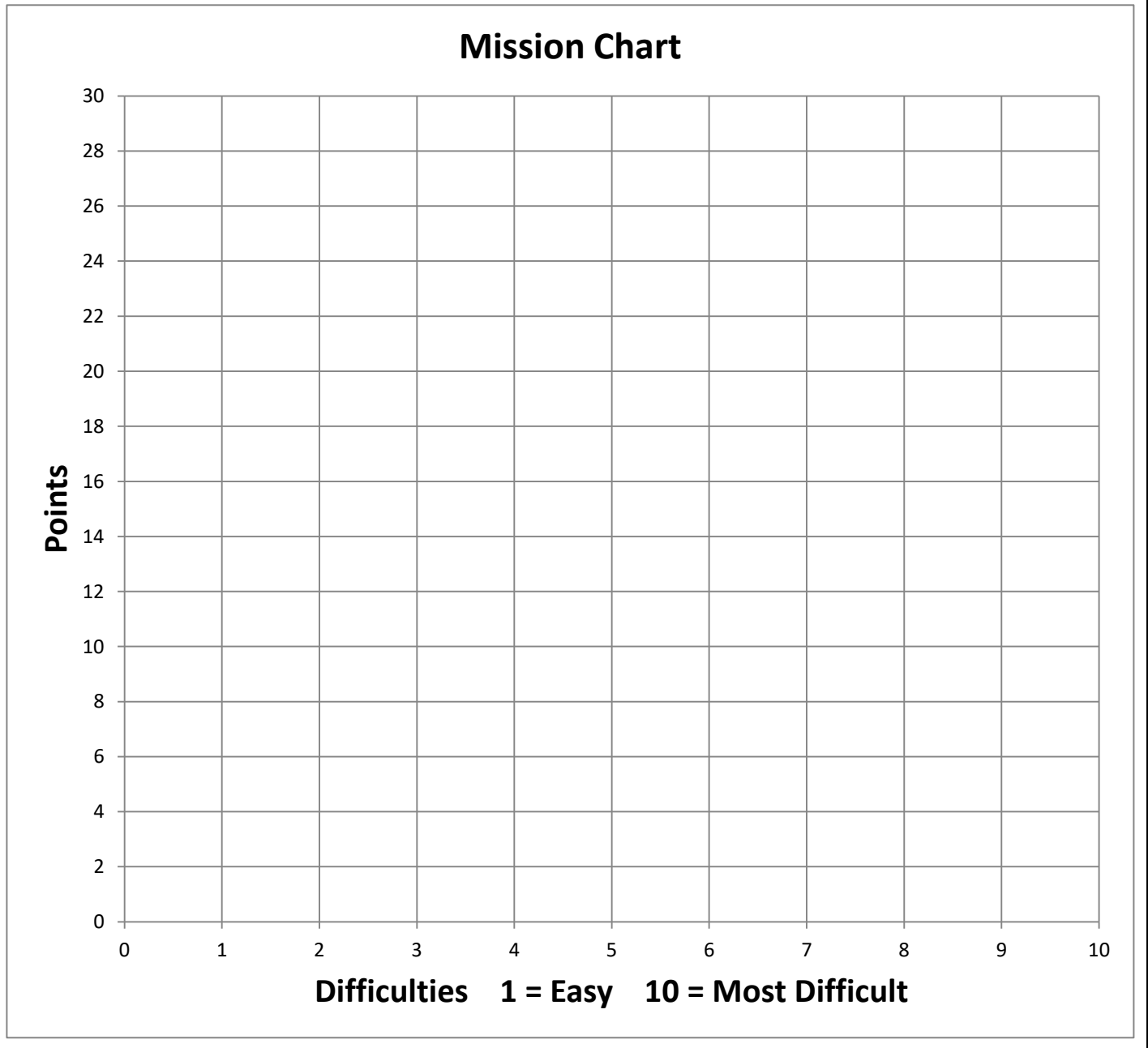# #2 Launch Strategy Sheet

1. Cut out the missions.
2. Rank difficulty and risk level for each mission.
   One (1) being the easiest mission and Ten (10) being the most difficult mission
3. Rank the points.
4. Optional: Graph the results using Google Sheet or Excel.
5. Strategize and group the missions into launches. (location, same attachments, etc.)
6. Divide the team into each launch.
7. Staple the missions to the table below.

Points vs. Difficulties

Label each mission on the graph with a dot.

Example: • Mission 1

Mission Chart

(Y-axis: **Points**, from 0 to 30)

(X-axis: **Difficulties   1 = Easy   10 = Most Difficult**, from 0 to 10)

Launch #1
Engineers:

Launch #2
Engineers:

Launch #3
Engineers:

Launch #4
Engineers:

M01 Space Travel

Difficulty
0   1   2   3   4   5   6   7   8   9   10

Points _____

Crew Payload   Supply Payload

Space Travel and Solar Panel

M02 Solar Panel

Difficulty
0   1   2   3   4   5   6   7   8   9   10

Points _____

M03 3D Printer

Difficulty
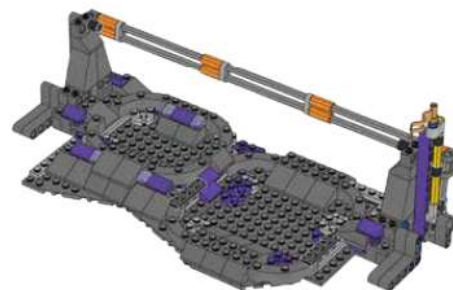0   1   2   3   4   5   6   7   8   9   10

Points _____

M04 Crater

Difficulty
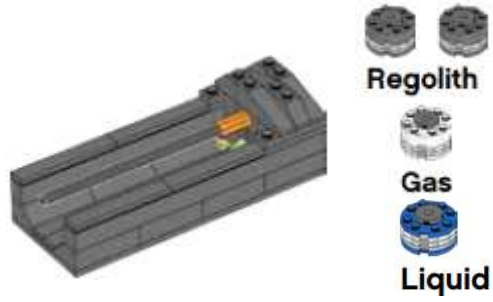0   1   2   3   4   5   6   7   8   9   10

Points _____

M05 Core Site

Difficulty
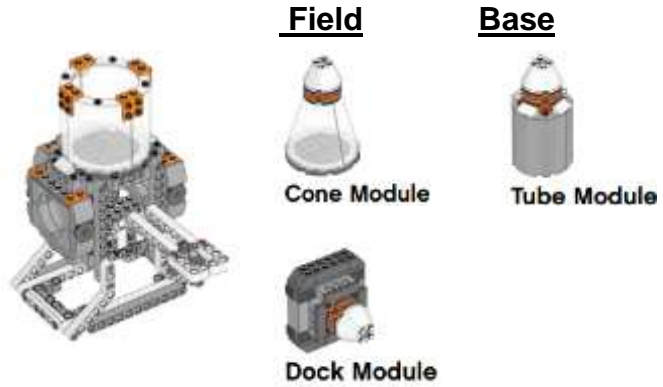
0 1 2 3 4 5 6 7 8 9 10

Points _____

Regolith

Gas

Liquid

M06 Habitation Hub

Difficulty

0 1 2 3 4 5 6 7 8 9 10

Points _____

Field   Base

Cone Module   Tube Module

Dock Module

M07 Habitation Hub

Difficulty

0 1 2 3 4 5 6 7 8 9 10

Points _____
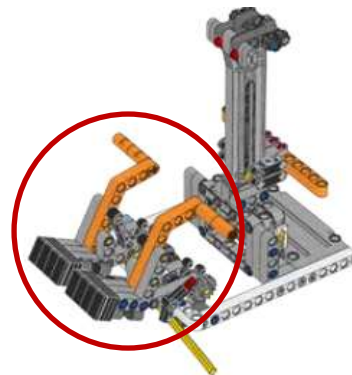
M08 Aerobic Exercise

Difficulty

0 1 2 3 4 5 6 7 8 9 10

Points _____

M09 Strength Exercise
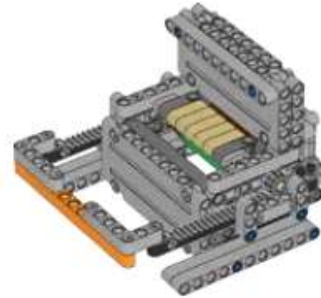
Difficulty
0 1 2 3 4 5 6 7 8 9 10

Points _____

M10 Food Production

Difficulty
0 1 2 3 4 5 6 7 8 9 10

Points _____

M11 Escape Velocity

Difficulty
0 1 2 3 4 5 6 7 8 9 10

Points _____

M12 Satellite Orbits

Difficulty
0 1 2 3 4 5 6 7 8 9 10

Points _____

Field   Base

Satellite V   Satellite C   Satellite X
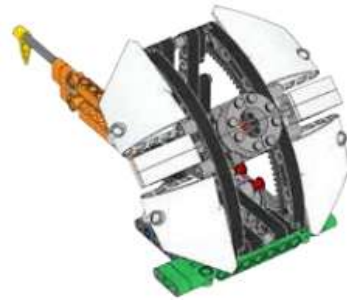
M13 Observatory

Difficulty
0   1   2   3   4   5   6   7   8   9   10

Points _____

M14 Meteoroid Deflection

Difficulty
0   1   2   3   4   5   6   7   8   9   10

Points _____

M15 Lander Touch-Down

Difficulty
0   1   2   3   4   5   6   7   8   9   10

Points _____