

CREATE A HABITAT

Fall 2020 – Session 1

Instructor: Lyra Porcasi

Syllabus

Class objectives: This course includes planetary research of Mars, colonization procedures, engineering, architecture, technology, meteorology, agriculture and farming, government, and sociology. Each of these aspects will encourage innovation, creativity, and artwork from students. In each session, we will utilize lectures, videos, hands-on projects, diagrams, research, and note-taking skills to learn these concepts.

- Basics of Mars (gravity, size, geography, temperature, rotation/revolution, etc.)
- Current efforts and plans to colonize, SpaceX
- Atmosphere and weather of Mars
- Terraforming
- Effects on Human Health
- Government, Society, and Entertainment
- Economy, Trade, and the Asteroid Belt

Required materials for class every day: Black and white composition notebook and pens or pencils.