WHAT TO KNOW FOR FLIGHT?

* How do you go to the bathroom?
  + Toilet paper?
* Do we need to bring nitrogen for our air? What other gases are needed
* Co2 filter
* How much “air” does an adult human consume per day (7-8 liters per minute, 11,000 liters/day)
* How much water does an adult human consume per day (3 liters)
* How much waste does an adult human create per day
* What do we do with poop?
  + Keep for fuel
* What fuel will ships use?
  + Nuclear?
  + Solar?
* Greenhouse?

WHAT TO KNOW TO COLONIZE?

TAKE WITH ON SHIP

* A fleet (minimum of 2 ships)
* Water (how much?)
* Oxygen (mix in flight?)
* Food (form? Freeze dried?)
* Solar panels
* \*\*\*medicine
* Toilet paper? Feminine napkins? How do astronauts go to the bathroom in space?

TAKE TO COLONIZE

* Batteries

WHO DO WE TAKE WITH US

* Engineers
  + Aerospace
  + Civil
  + Environmental
  + Mining
  + Electrical
* Scientists (geologists, physicists, botanists, mars climatologist, water scientists)
* astronomers
* Doctors(surgeons, nurses, pediatricians, cardiologists, internal medicine, psychiatrists, ophthalmologists (Eye ear nose), neurologists, pulmonologists, anastesiologst)

WHAT DO WE NEED TO KNOW

9/6/15 can a greenhouse be self sufficient? See biosphere

* People may go crazy