

# Station 1 - Pack up!



**If you could bring 5 things with you when going to outer space, what would you bring and why? Think about what conditions you may encounter and what is most important to you.**

**What is the one destination you most want to explore in space?**

## Station 2 - Aliens

**Do you think life on other planets exists?  
Why or why not?**

**Where do you think we are most likely to  
find other life forms (ie which planet)?**

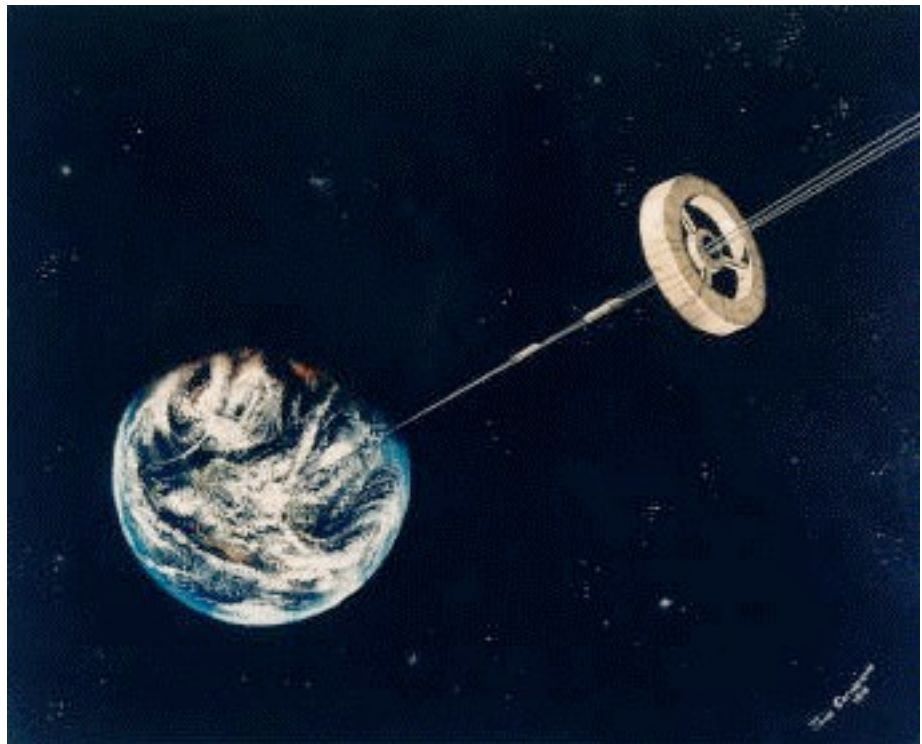
**Draw a picture of what you think another  
life form would look like!**



## Station 3 - Vacay time!

**If there was an elevator that would you take to space, would you want to go? What are the risks associated with traveling to space?**

**How much would you pay to travel to space?**



SNC1D7

Earth & Space  
Science

## Station 4 - Bling bling



**Space exploration is a very expensive programme for Canada to run. Some people feel sending humans into space is important for research and development. Lots of great everyday products come from space exploration, such as GPS products, helmets, light weight materials.**

**How much of our taxes should go towards paying for space exploration? Or would you rather the money go towards health care/ education/something else?**

# Station 5 - Word wall

**Define one of the following words. It will be hung up on the wall and should be easy to read. Once you have chosen your word, cross it off the list.**

**Galaxy**

**Satellite**

**Asteroid**

**Astronomical unit**

**Atmosphere**

**Aurora borealis**

**Big bang theory**

**Black dwarf**

**Black hole**

**Celestial object**

**Comet**

**Constellation**

**Corona**

**Geocentric model**

**Heliocentric model**

**Hubble's law**

**Light-year**

**Luminosity**

**Meteor**

**Meteorite**

**Milky way**

**Nebula**

**Neutron star**

**Planet**

**Quasar**

**Red dwarf**

**Red giant**

**Retrograde motion**

**Solar flare**

**Solar system**

**Solar wind**

**Sun spot**

**Supergiant**

**Supernova**

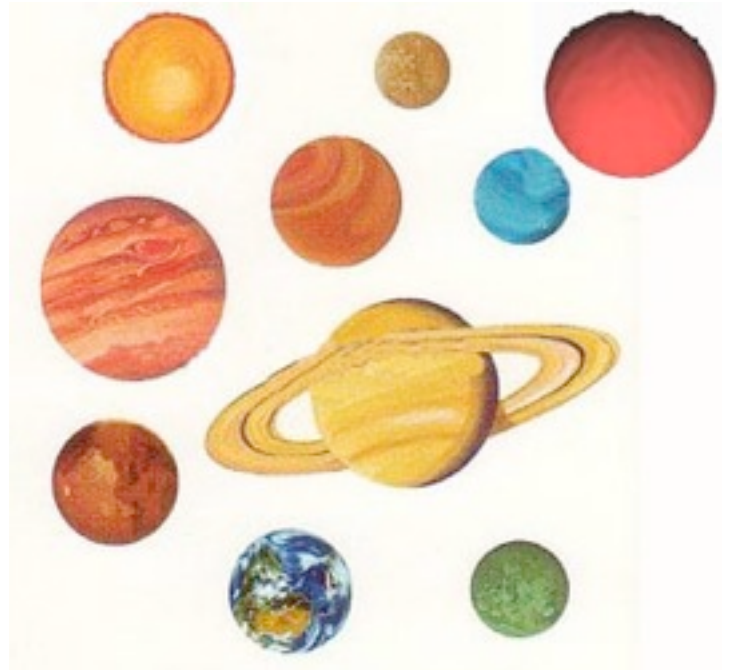
**White dwarf**

## Station 6 - Agree/Disagree?

**Scientists have seen signs of life on other planets.**

**Many planets in the solar system have moons.**

**Canada is a world leader in satellite technology.**



**The stars can be used as a navigation device.**

**We always see the same side of the moon.**

**Storms on the surface of the Sun can affect the Earth.**

**All galaxies in the Universe are like the Milky Way.**

**Telescopes allow astronomers to see all of the objects in the Universe.**