

MARS BASE



Phobos

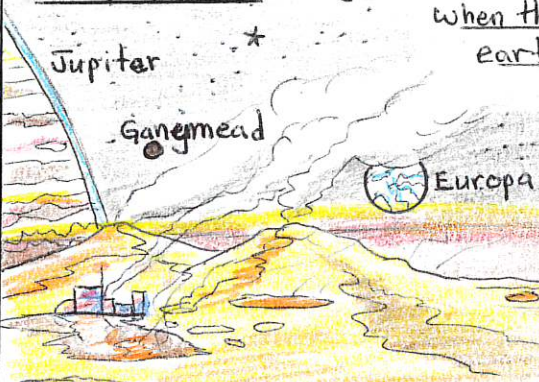
Demos The Mars Base
Will be a pain to build with that huge radiation shield, unless you want to live in a hobbit hole with metal shutters and a solar forecast. The Moon Base

MOON BASE



IO BASE

can be at the south lunar pole where the Sun never rises, so that only the top of the tower needs to worry about the solar forecast when the Moon is not behind earth's magnetic field.



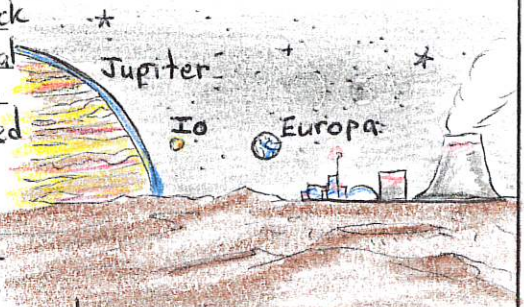
Jupiter

Ganymede

Europa

We can dot the back of Io with thermal energy bases as Io is tidal-locked to Jupiter, it's only radiation concern. We can build Bases

GANYMEAD BASE

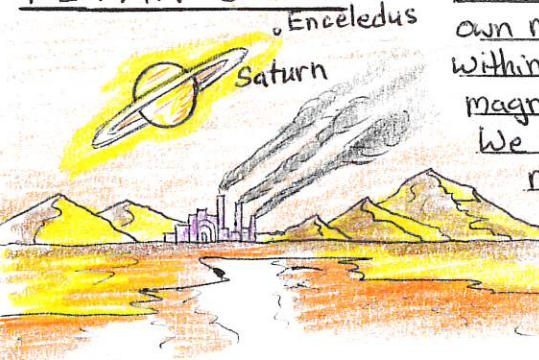


Jupiter

Io

Europa

TITAN BASE

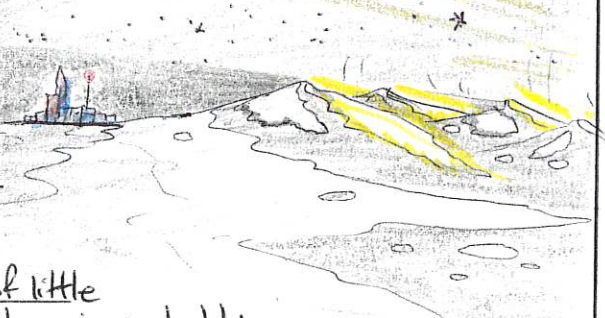


Enceladus

Saturn

as it is protected by its own magnetic field within Jupiter's magnetic field.

MERCURY BASE



We need to use nuclear power though as I said before, because of little

Sunlight. Titan is probably too far away to make a good settlement, unless you go for good, because Saturn is so, so far away! However you may be able to use Titan's methane for fuel if you have a good way to make oxygen. - You need oxygen to burn methane that is. There is a place on Mercury's north pole where the Sun never rises, that might be a really good place for a Base, and you could use massive amounts of solar energy just a little ways away! You also could be in sunlight on Mercury if you had a system of shades that are controlled by huge tubes of Mercury, (the metal chemical element), like giant thermometers; so that you could regulate the temperature in a full-proof mechanical fashion. Either way you could collect the large amount of solar energy in the day of Mercury, either by solar panels or in more mechanical ways; such as magnifying glass engines, or wind tunnels heated by the day, and cooled in the night around the north polar region, with turbines etc. (For information see the Juno probe mission to Jupiter and Cassini to Saturn.)

Dear John,

I love you, and miss you Eternally! We will have much better technology than the above Base ideas. We will have crystal ships! Are Resurrected bodies considered in the category of extremophiles? Heh! We won't worry about Radiation. I love you forever!

P.S. I hope Santa can find all the space bases!

LOVE Abraham -