

there is a big prism between their sun and planets in solar system. the prism makes cloud creatures on each planet a color of the rainbow color being shined on them influences cloud emotional state. ex. green-with-  
envy clouds becoming blue-sad with more exposure to blue light. Purple-fear planet is isolationist, red-anger is warmonger, yellow happy, orange is toxic positivity planet, indigo curiosity  
indigo planet destroyed/historical, helps purple isolate now that they have 0 neighbors

Cyplotsam – cytoplasm. Solar system name. Dyson swarm is cell membrane or wall, solar system is cytoplasm. SCI PLOT SAM. It's named by Uncle Sam, the gov.

-- mitochondrion, sun name

planets names, first letter=color

Parucemmia – paramecium is single-celled organism - isolation

Itentria – inertia, physics word instead of bio because this planet is different

Bacertia (Buh-sir-tee-uh)

Guclose (Guck-looze)

Yuttrim – Yttrium is “rare-earth” element – yellow planet is a rare earth that is happy. Chemistry word instead of bio because this planet is different

Osmisos – perfect for orange between happy and warmonger: “Osmosis is the spontaneous net movement of solvent molecules through a selectively permeable membrane from a region of high water potential to a region of low water potential, in the direction that tends to equalize the solute concentrations on the two sides”

Rectuilum (Wreck-twee-lum) – they think they are cor-rect. They use plasma weapons because endoplasmic reticulum

-clouds are referred to by names in the story but don't know their own names. They were named things like B2 (blue cloud 2) by the gov person in charge of the experiment, but some less-killjoy person added actual names to their files. Of course, since then some clouds have changed colors, and no one

would recognize any of them anyway so the numbers were obsolete after they left the lab

Orbital problem: planets get closer to each other when they're all on the same side of the sun due to gravity imbalance. Solution: empty planets on the other side, with no water, nothing, so no life can exist on them and interfere with the experiment. The planets are small, to save on budget

There has to be a reason Intergalactic Congress hasn't discovered this solar system → solution: dyson swarm of satellites programmed to always cover perfectly and not let light escape, caught at one layer or another

clouds were military experiment. earth watched them live as civilizations so they'd see how they are at following orders, collectivism, and warmongering.

But what would such an advanced Earth need from such an experiment?

-someone is buying the solar system by paying more for the solar system than it costs humans to make it. why tho? spender is being taxed. How? what restriction can they have that earth does not? id say it has to be on civs above a certain development threshold or they'd look to a more advanced civ for help

-someone has to pay "planet support" after some alliance splits up, by order of intergalactic congress. comedic moment maybe mentioned in passing at earthgovcorphq

why are moons included in experiment? **Unsolved**

## PYRAMIDS:

background info--

In 2015 or so, Russian archaeologists came to Egypt. They were only interested in the first 3 pyramids. (Decades before, Germans and others were interested too but weren't let in.) They found that sounds echoed in a strange way inside them.

One Russian guy was somehow in the Vatican Archive with a camera for some reason, and leaked that pyramids are antennas - intergalactic internet routers. He was arrested, and no one heard from him about this again.

In cyplotsam's era humans have become advanced enough to build pyramids to transmit updates abt the state of the experiment. One on each planet. They transmit to the satellites in the dyson swarm the indigo planet were using theirs. That's why purple destroyed it. red planet has them too but uses them as a coliseum and yellow planet uses them as competition grounds and blue/green planets for praying. They're allies because they're both religious. Their creationism involves gods-i-have-to-name that are actually people from the labs. Clouds that still remember their time there are considered psychic? Priests claim to be that so they can make stuff up to preach. The pyramidchurches are corps that take advantage of depressed and envious clouds to promise them riches if they donate. Gonna have to make major change from earth religion to make it believable as a different place purple as a bunker so they dug theirs into the ground orange for holding speeches inside of?

they sent rover to the prism but it melted from the heat of the sun being shined right next to it – physics wrong **Unsolved**

Clouds live forever naturally and don't have kids. How have the clouds existed for a thousand years and not remember their origins? Is there UV light delusion involved? **Unsolved**

inhabitants shaped like clouds

inhabitants move objects by blowing on them. when they camouflage to a surface, it looks like objects are being moved by ghosts

for this reason, law forbids having walls of the same color as them in their houses

(human-made because clouds not advanced enough) transportation between planets is highway pipes, two next to each other, going in opposite directions. No spaceship is needed for clouds

they don't check for ID at the exit. Clouds are visually indistinguishable except for color, but have a mental signature. they are also a collectivist society

thinking happens via electrical pulses moving through the cloud particles, basically lightning. comms through sending electrical signals like telepathy. they can use electricity as a means of sensing their surroundings

how do they perceive the all-important light wavelengths? emotional/sensory enhancements

clouds don't have a formal schooling system because they're all 1000 and there are never any new ones

moving is rare because of compatible personalities. While they're on the planet, they believe their lifestyle is the best

-what colors are the skies? **Unsolved**

**Maybe accept clouds will be the soft sci-fi and not bother with this insanity:**

-cloud dissipation: thermostats are limited to the temperatures clouds can sustain themselves at, special precautions are made outside, and they have sensors for drier and warmer air that are like smoke sensors

*"The three primary ways that clouds dissipate is by (1) the temperature increasing, (2) the cloud mixing with drier air, or (3) the air sinking within the cloud."* -

[https://www.weather.gov/source/zhu/ZHU\\_Training\\_Page/clouds/clouds\\_dissipation/cloud\\_dissipation.htm](https://www.weather.gov/source/zhu/ZHU_Training_Page/clouds/clouds_dissipation/cloud_dissipation.htm)

red planet:

forest fires?

How does specifically red planet have plasma weapons? Did they get to secrets to them first, somehow from a moon of the indigo planet? **Unsolved**

coliseums involve clouds pushing (blowing) each other into water for dissolve. Idk if they've discovered light tricks, like shining too much light on a cloud, leading to death

cloud suicide mission: dissolve in pond to electrocute all organisms in it. Red most likely to try this. Does Holly do it?

orange planet:

orange trapped between happy and warmonger. morale powered by delusions there are no pipes from purple or red planets

yellow planet may

-be trying to help others at their own expense

-have dangerous competition/games

-always happy even when danger and loss; no mourning

indigo

-planet had rings from light-emitting gemstones they mined. It was an experiment by the planet's scientists to see the effect the colors would have on indigo clouds. Every color was shining on the clouds, and they became NORMAL PEOPLE!!

-clouds survived on a moon, unbeknownst to purple. How? By shining UV light on purple? **Unsolved**

-debris still in spherical shape and don't mess with the orbits. Re-forms into planet without the same surface

-indigo moon clouds stay on side that is always day, theres a side that is always night, and rotating seasons for the rest of it

purple:

-ton of false incrimination due to paranoia + deciding that is best for the masses. Fearmongering news articles (ofc) reinforces support for the system

What effect do jellyfish have on clouds that think with lightning? Do they help them think?

im thinking they farm the jellyfish for zaps like maybe keep them in tanks everywhere

Clouds need light to survive, like oxygen. Very short-term starvation wont kill them

Eclipses happen from moons sometimes

the planets are fixed so that they always face the same way. the night side of the planets is called the Dark Side and it's not worth it for them to go there, even with artificial light sources. Some planets have installed mirrors for artificial light there, but still have some Dark Zones. Theres a punishment of being banished there; it's like prison.

Which planets though? Indigo for sure, purple would do it for paranoia. Is red planet less crowded now because warmongering? **Unsolved**

any of the planets have their entire night side mirror-lit? Would the mirror-lit side be equally bright? Maybe it's somewhat dimmer. What effect would *reduced* light have on one of these clouds? Malnourishment, being less emotional

they could point these mirrors at areas that are already on the day side and give *extra* food there

Downtown: Areas with greater concentrations of light able to host higher population density of clouds. So using mirrors to boost light might just mean more clouds around there, rather than inequality

Mirror boosting could be helpful specifically for the clouds living at the edges of the light side since a relative small portion of the light would otherwise need to cover a relatively large ring of the planet. Without mirrors, the highest light concentration is at the center of the light side, in terms of lumens per square kilometer

*“The lux (symbol: lx) is the unit of illuminance, or luminous flux per unit area, in the International System of Units (SI). It is equal to one lumen per square metre. In photometry, this is used as a measure of the irradiance, as perceived by the spectrally unequally responding human eye, of light that hits or passes through a surface.”*

-wikipedia

If they have lots of light, literally living in luxury

because clouds not advanced enough to put mirrors in space, the mirrors are megastructures built on the planet's surface. planet could have a ring-shaped receiver mirror that sends extra light to the surface

But that would limit how much extra light would be reflected onto the planet clouds need a ton of sand, so glass is used only for mirrors. Jellyfish tanks made of something else

currency is named currents. A unit of currency is an ampere (amp)

TRAILS:

CHEM TRAILS — name of paths on Guclose that are now dangerous for life after meteorite hit. Crash Hazard Emmission Medical? Coloration Hazard.

Electric?

MECH TRIALS -- Rectuilum where mechs are weap, trial is test

Luminescence in setting?

“Fluorescence refers to the ability of certain minerals to emit visible light when exposed to ultraviolet (UV) radiation.”

oooo

“Rayleigh scattering is the scattering or deflection of light, or other electromagnetic radiation, by particles with a size much smaller than the wavelength of the radiation”

consider weather, hurricanes, tornadoes, skyclouds

NATURE:

- ▶ yellow pyramid is overgrown with the results of gardeners entertaining themselves. Dark Side of Yuttrim has a dangerous ride where they made something to propel clouds thru dark patches or above rivers where they

can dissipate. A popular sport is breeding species to make new ones. They make complex garden art and no one remembers what their planet used to naturally look like anymore. They keep many pets, who roam and eat in their gardens

- ▶ imagining Rectuilum as burnt wasteland of arson. Constant forest fires, burnt bark, animals scarce on land, but they actually have a thriving underwater ecosystem that they never got to destroying because it'd be a suicide mission for a cloud to go dissipate in water while electrocuting the pond animals
- ▶ bacertia is all neat clean orderly, with plants and animals kept away from the pyramid to avoid "corrupting" it with more mortals. Their structures all done in blocks, and they don't farm or keep animals or plants. They're the kind of neighborhood where every lawn is cut short – except they don't even have lawns and that's just the patches of land between the paths and buildings
- ▶ parucemia gardening is strictly monitored and kept within one's property. Gov keeps a watchlist of who had the wackiest ideas. It is normal for them to keep one or two pets to soothe their fear, so feeding them is what the gardening is really for
- ▶ itenria is kinda utilitarian with growing things. They do it for science and they already terraformed their entire remaining moon (the others were disposably exploded). Similarities with yuttrim. Itenrian oceans are very well-explored. Crop circles are made by artists and taken down by the gov, saying it would "distract" the scientists from real alien research
- ▶ osmisos, toxic positivity planet, is overgrown with colorful flowers specifically, more overgrown than even the yuttrim they are trying to outwardly imitate with their garish display. Everything's encroaching on everything and even the nature has no moderation. Multiple types of flowers hang out of each pyramid window, fighting with each other for dominance, like the yellow and red cultures mixing on this planet. The pyramid is topped with a bouquet of orange flowers pointing up to the

sky in the direction of the prism like a telescope. For navigation, there are paths of red and yellow flowers from the pyramid in the directions of those planets. There have been debates held in the pyramid as to whether to remove the red path after the removal of the pipe that actually transports you to the red planet, but the path was ultimately kept because they chose to love their neighbors regardless of the warmongering

clouds don't have lamps so their houses all have big skylights and windows. These houses were built by humans and they were built to last. There is one per cloud and most are in use, but on rare occasions a cloud dies or clouds choose to live together, so the vacant houses are converted to other uses they don't have night or sleep so they work half the day and do personal stuff half the day