



Chapter 1
Kids built the post-scarcity society.
They knew the world wasn't fair. Most people had very little while a few hoarded so much.

"Let's take care of each other," they thought. How do we build a society founded on equity? Was it even possible?

Climate change loomed on almost everyone's minds. They thought, "If we look at the big picture maybe we can find a way to fix this." Asteroid strikes, supervolcanoes - we should probably have a plan for those too.

"Let's go big or we won't have a home!" they shouted. The sky's the limit! "TO THE MOON!!" they typed in all caps!

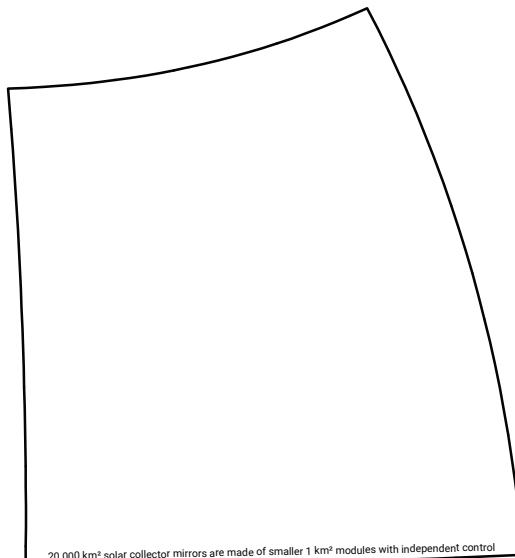
With their parent's permission they funded a blockchain smartcontract with Dogecoin. One hundred million kids pitched in \$10 each. SpaceX and a team of space agencies had \$1 billion to design and build the Sprout. #dearmoon was planning a trip to the Moon anyway and delivered the Sprout on their way by 2023, to everyone's delight.

The Sprout was 146 tonnes of hydrogen and the most beautiful self-replicating mining and manufacturing robot you have ever seen. A 3D printer that 3D prints itself out of aluminum and silicon it gathers below the surface of the Moon.

Kids around the world were having a blast, quite literally. They led and trained the mining robots from the comfort of their Earth homes through virtual reality headsets.

Thanks to Minecraft, skilled operators were trained, experienced and ready to go. Especially since the smartcontract meant they got paid well. Everyone's input is valuable when building the inclusive society of the future.

The robots and machines launched solar panels, mirrors and other materials into the Moon's orbit using a magnetic launch system similar to a maglev train but pointed straight up. This was much easier than launching it from Earth since the gravity is less on the Moon. The mines were hollowed out rings below the surface of the Moon, being careful to have a small footprint and not change how the Moon looks. [The hollowed rings were eventually made to hold spinning habitats themselves. Shielded by moonrock above.]



Chapter 2

In a massively multiplayer online collaboration, kids around the world imagined and designed the spaceships that could hold everyone in the world, called habitats. There were enough space lifeboats for 10 billion people or more - as many as were needed. They should be enjoyable places to spend time too.

They worked together and made a plan. The designs were open-sourced. Kids made decisions by consensus to form new governments that would help take care of these new places.

The United Nations Outer Space Treaty meant that society could leave behind many of our dated traditions, including sovereign countries.

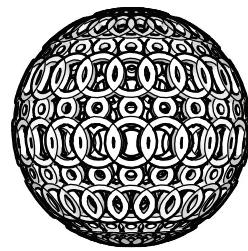
The effort was known to some as the *post-nation pluralist province of humankind and friends*. Each habitat was more like a small city. Early designers, miners and makers built the first blockchain direct democracy to make decisions by. Consensus meant that everyone needed to consent to a proposal for it to be adopted. Instead of division, the approach led to deeper discussion and better questions. Consensus is central to inclusivity and takes time. Fortunately, there is always time.

Moon conservation areas were formed, one example was the Sea of Tranquility Lunar Preserve. Still, cases were made by many that if we are going to mine for resources it is better to do so on the Moon and to conserve as much "living Earth" as possible.

The first 20 000 square kilometer solar collector was completed in 24 months. It was a good thing it had nice people (kids) that owned it with a secure and peaceful democratic system. 6 billion kilowatts! Such power and heat! WOW! Enough to take care of an asteroid that might come our way.

The enormous solar collector and mirror array sent energy back to both the Earth and the Moon. Stations there were able to make renewable fuel and launch materials to build the first habitat. Carbon and organic elements came from Earth. Aluminum, silicon, iron and water from the Moon. From water and energy they could make hydrogen for fuel and oxygen for breathing.

The habitat was set up in 4 quarters:
1. Farm
2. Nature
3. Home
4. Admin & Commerce



how to build for everyone

a science fiction comic

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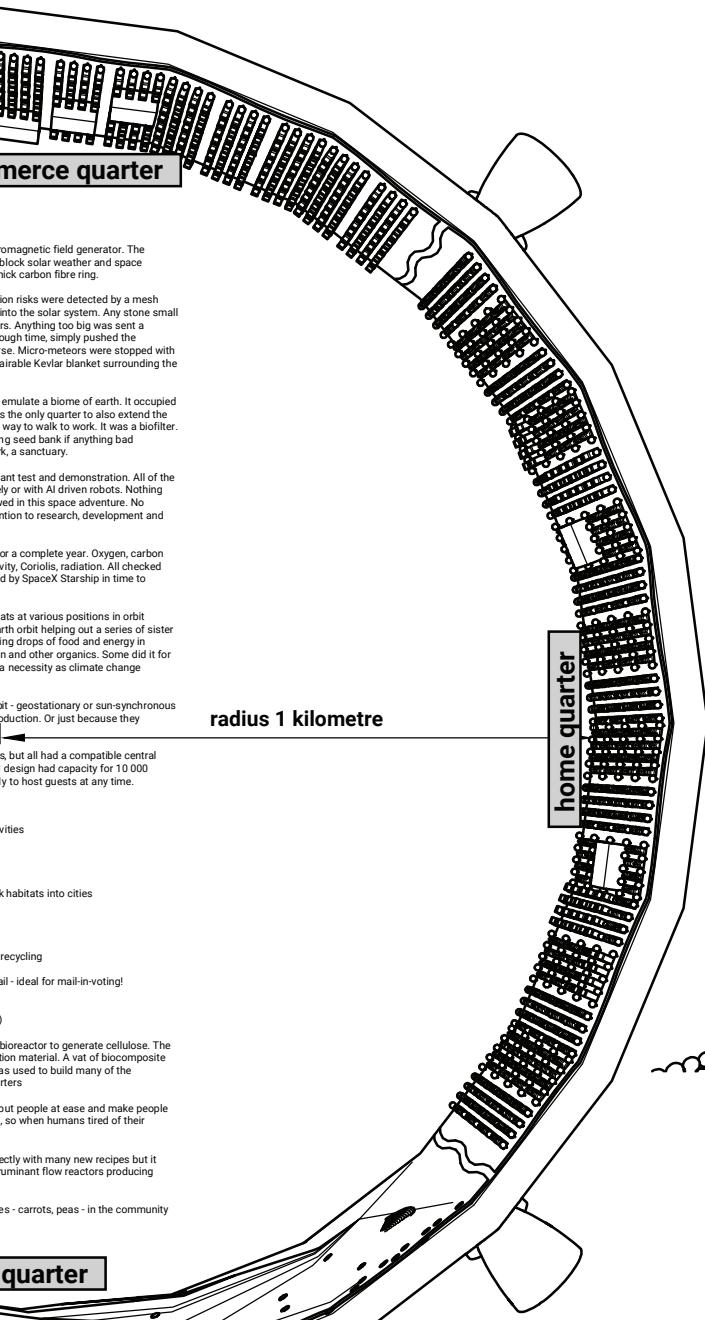
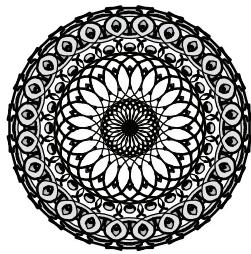
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a spaceship in the world

colouring adventure



agnetic field generator. The block solar weather and space thick carbon fibre ring.

ion risks were detected by a mesh into the solar system. Any stone small rs. Anything too big was sent a rough time, simply pushed the se. Micro-meteors were stopped with variable Kevlar blanket surrounding the

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ant test and demonstration. All of the y or with AI driven robots. Nothing ed in this space adventure. No on to research, development and

or a complete year. Oxygen, carbon vity, Coriolis, radiation. All checked d by SpaceX Starship in time to

ts at various positions in orbit earth orbit helping out a series of sister drops of food and energy in an and other organics. Some did it for a necessity as climate change

it - geostationary or sun-synchronous production. Or just because they s, but all had a compatible central design had capacity for 10 000 y to host guests at any time.

ivities

habitats into cities

recycling

all - ideal for mail-in-voting!

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Chapter 4

Everyone had a chance to enjoy the benefits of new reflectivism. Some called it a renewed enlightenment. The circular economy worked.

With an exponentially growing renewable solar energy supply, the habitats had plentiful energy and food. Exports to Earth and trade with other habitats meant that a new solar-based crypto-physical currency was established which quickly became the most valuable form of credit. No taxes were ever paid. Everyone had access to free healthcare, education and housing. At the same time, no-one was ever short of money as everyone was paid an equity dividend, directly into their accounts.

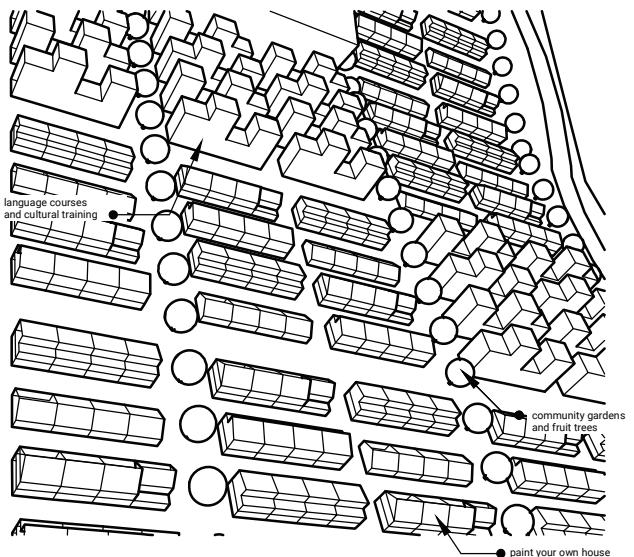
Kid-citizens celebrated the democratic process and worked to improve it. The invention of secure, highspeed physical mail piped directly to your home offered many advantages over blockchain. Citizens conveniently sent an auditable, paper ballot through the tube system and voilà - a tyrannical leadership dethroned before lunchtime!

Animals other than humans who consented to residence in an orbital habitat (including horses, dogs and cats) lived among us in the sky. They were each provided with stylish robotic pet-diapers to take care of any droppings automatically - sterilizing, composting and returning nutrient rich soil to a nearby garden.

1 g was made a universal human right.

Habitats had everything you would expect, day and night, 4 seasons, rain, even wind. But habitats weren't Earth. Stardust holidays to the space cottage were so much better knowing you had a safe and healthy Earth to return home to.

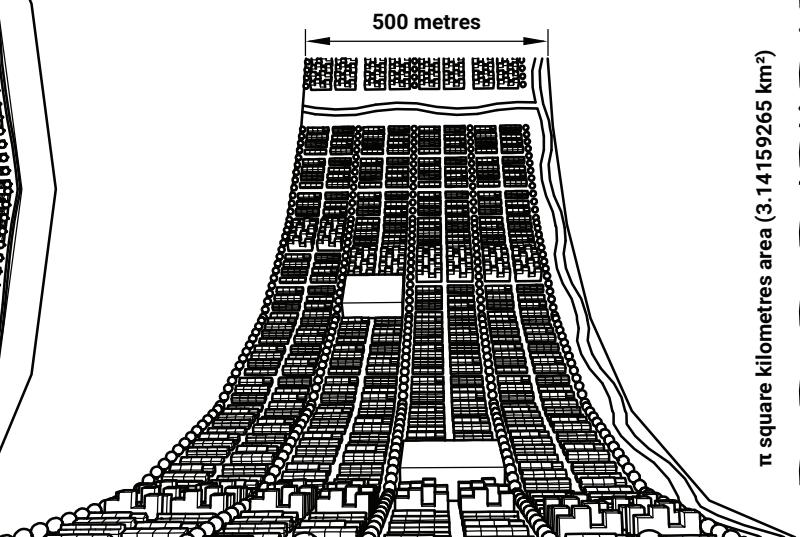
We still wondered about other stars. Not wanting to intrude, we listened and we waited for an invitation. Do you think our celestial neighbours like potlucks?



Craft time!
Trim the edge off this sheet. Design your habitat. Tape it into a ring.

Other materials:
1. globe
2. aluminum foil or mirror
3. a smaller ball for the Moon
4. a flashlight

Share your creation! #howtobuildaspaceship



π square kilometres area (3.14159265 km^2)

