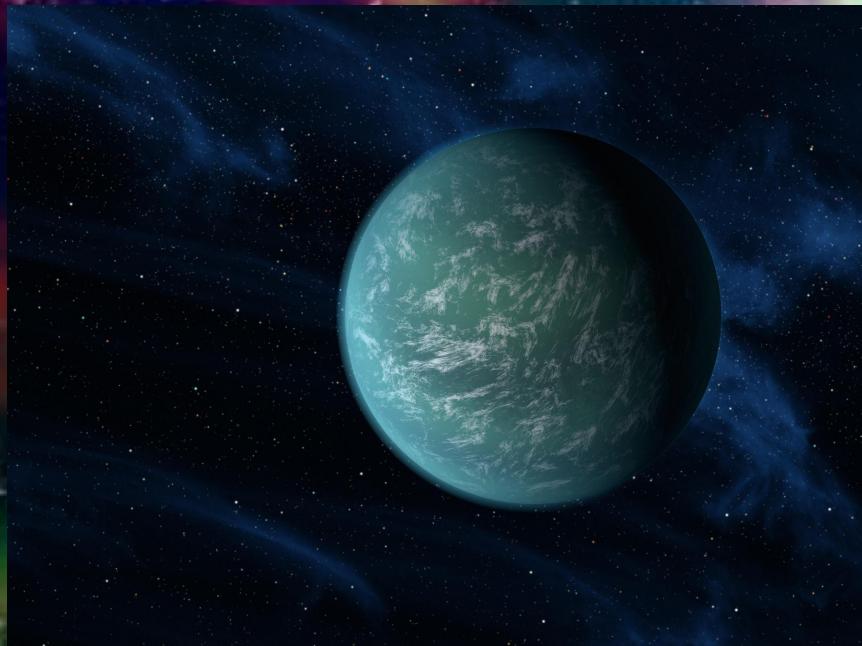


Kepler 22 b

Earth



OUTER SPACE- A NEW FRONTIER

The survival of the
HUMAN RACE
depends on
YOU and the
CREW on board.



YOUR MISSION is
to:

- Decide on the design and structure of your spacecraft.
- Agree on what 30 people will need to survive for 5 years in space.
- Compare the new planet to Earth with the possibility of relocating Earth's inhabitants.



Why we need to leave the Earth?

We need to leave the earth because the earth is not habitable anymore.

Also there is much pollution on earth.

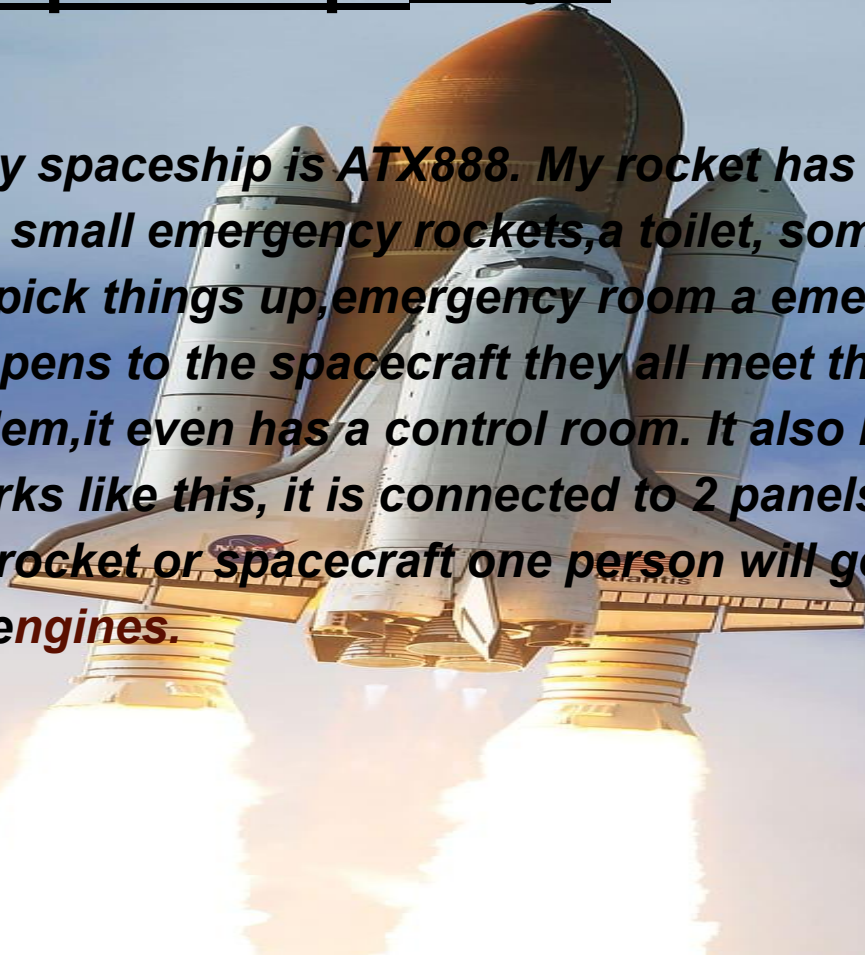
And also the air is not the best to breath there are many toxic things in it.

Plus there is global warming. And also there are many wars, and also people are not recycling materials.



About my spaceship. SI 3,4 together

The name of my spaceship is ATX888. My rocket has a sleeping room, it has a kitchen, three small emergency rockets, a toilet, some robotic hands that can move and pick things up, emergency room a emergency room is when something happens to the spacecraft they all meet there and think how to solve the problem, it even has a control room. It also has a storage room My space craft works like this, it is connected to 2 panels after the panels move away from the rocket or spacecraft one person will go to the control room and starts the engines.

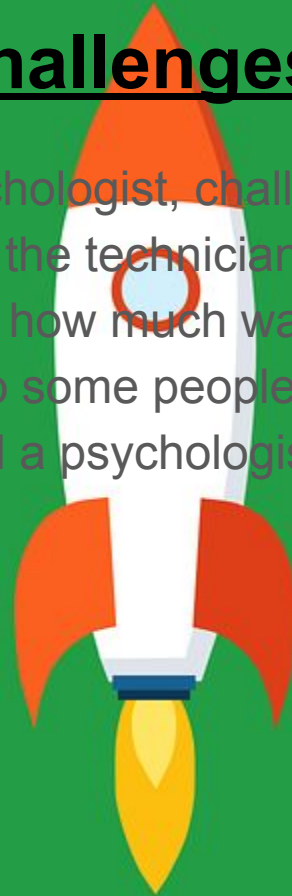


How can we survive in the spacecraft for five years?

First we have to make sure we have enough water to survive that goes the same with food. Afterwards we also have to have a toilet of course, also we need a medic because if someone will be like oh my god im in space they could go crazy so we also need a medic. Also we need to have a gym because if you don't train your muscles they will be very very weak and when you come back to earth you will step on the ground and just fall down.

Different Jobs, and challenges we might face.

We need a technician, scientist, psychologist, challenges we might face we can face difficulty with the spaceship so the technician can fix it. We also need a scientist because he can calculate how much water or food we need to stay on the space craft for 5 years. And also some people might start fighting disagreeing with people being rude. So we need a psychologist.



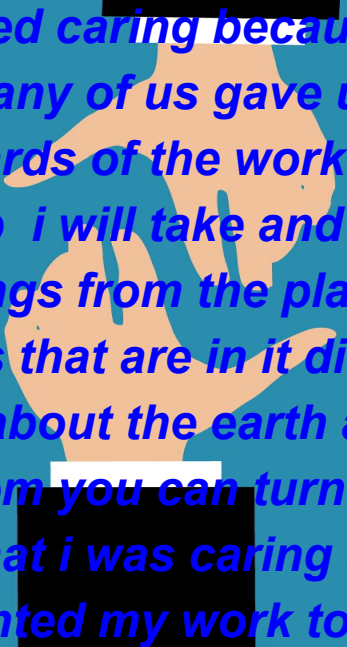
Challenges we might face on kepler 22 b

When we get to Kepler 22 b we might encounter maybe some aliens or We might also face that some scientist calculated incorrectly how much water we should take or we might also face that a technician messed something up for example he was trying to fix the spaceship and instead of fixing it he damaged it more by accident. So that means we could be stuck on that planet. Or there could be some poisonous plants.

How did we all link this work to other subjects.

We linked math by calculating how much water should we bring on our space mission, And we linked to math also counting the light years, we linked it by art the way that we are painting our planets, we linked it by topic and english of course by getting all the information writing it down and our teacher explaining space things to us, ICT we linked it by ict we did al the google slides we also did google docs. By doing the parachute we linked it to math by measuring cutting and also weight. To English we also linked poetry and comprehension, persuasive writing, emails Also we watched a video about a man falling from space to earth with a bump. Even we did a email to the Director General-United Nations, Antono Gutteres.

Core value: caring.

An illustration of two hands, one light-skinned and one dark-skinned, holding a globe of the Earth. The hands are positioned as if supporting the globe from below. The globe is centered in the background of the text.

Action: I think many people used caring because they were also helping me with my parachute and also many of us gave us good ideas we were caring about our work and the standards of the work. Also the action I might take is that some of the plastic in the sea I will take and for example some people will help me build some useful things from the plastic so we don't just throw it away to the sea so the animals that are in it die. I can make some bookmarks that say that care about the earth and when you see the lights are on and no one is in the room you can turn it off that also helps the earth.

Core value: I used caring by that I was caring about the work the standards of it and I was caring that I wanted my work to be a good presentation.

Core value: Hope

Action: We might write a letter or an email about how we can help the earth and have hope. And help the space and earth so there is not so much pollution on earth, and so there is not so much space junk and why space junk is bad for space and why pollution is bad for earth.

Core value I used: is hope because I had hope that I will finish it in time and I had hoped that Mr Daniel will like it and I had hoped that the slides will be interesting and also I had hope that the presentations will go well and so we can present it in school not at home because maybe it will be lockdown again.

How will we recycle water in the spacecraft for 5 years?

We can recycle water on the spacecraft by buying a big water recycle machine or building one but i think building one is better because you can save energy and it will not cost as much money. How will it work? First happens the evaporation then happens condensation and precipitation and last happens the collection.

Picture of my logo



Meaning of the logo.

The stars represent that we are going to be in space, the little rocks represents that on our mission we might encounter some meteorites, the rockets represent that we are going on our space mission with a spaceship, the whole trophy with the 1 on it represents that we are going to be the first people on Kepler 22 b.

Where are we going to put all the food and water?

The water will go to the fridge, it will basically go to a big cold storage room and so they don't spill out the water in the storage room will be in a box. And with the food it will be that some of the food that needs the cold storage room will go to the storage room and the other food will be stored in a shelf.



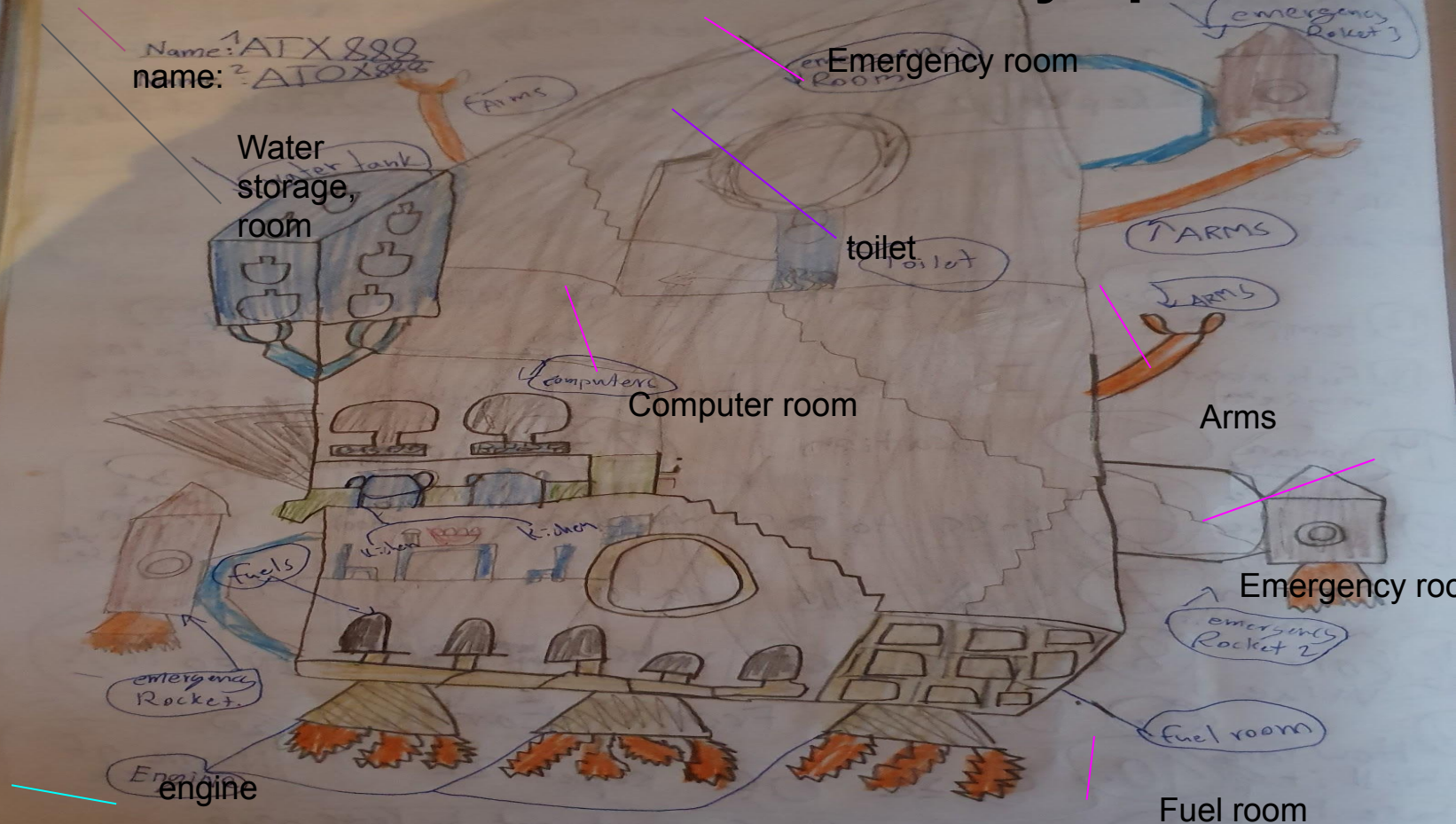
This is the picture of where will be the food.



This is the picture where will be the water.



Picture of my spacecraft



Global goal 15 Life on Land

I will tell you some things we have done to the earth which is bad, the first one is that we throw a lot of litter all over the place, many of it is plastic, also there is many pollution for example when there is a football game far away from your city you

Have to travel by car and that is really bad for the earth. Also there are many wars and that destroys the earth and there are many bad people like terrorists when they throw a bomb it does some damage to the earth, if there are big buildings build close to the forests or nature many animals lose their home and they have to find a new one.



Differences between Kepler 22b and earth

Earth's mass is 5.97200×10^{24} kilograms and Kepler's 22 b has 36 earth's masses.

Earth's age is 4.54 billion years and Kepler's 22 b is 4 billion years, Kepler 22 b size is 15,290, and the size of

earth is 6,371 km. Kepler 22 b was discovered on december 5,

2011 and Earth was discovered 4.54 billion years ago. Kepler

22 b does not have any moons but earth has 1 moon .

Similarities with Kepler 22b and earth

Earth has water and Kepler 22 b also has water, Earth has land kepler also has land, Kepler 22 b is slightly bigger than earth. Kepler 22 b has an orbit that is pretty similar (290 days to Earth's 365).

Information about my planet Kepler 22b

The size of kepler 22b is 15,290 km. distance from earth is 587.1 light years away. The temperature on kepler 22 b is 295 K (22 °C; 71 °F). Kepler 22 b is located in cygnus. Kepler 22 b was discovered on december 5 2011. Also kepler 22 b is a planet in the habitable zone,. There are no moons on Kepler 22 b. . And it also has water. Kepler 22 b is about 4 billion years.

What websites or books did we use to help us to get the information

I used wikipedia i read a book on my elective about space and my mom also taught me something about the space .

Here are the links to the websites i used.

https://www.google.com/search?q=kepler+22+b+facts&rlz=1C1GCEA_enSK778SK778&oq=kepler+22+b+facts&aqs=chrome..69i57j0i13i457j0i10i22i30.12626j0j7&sourceid=chrome&ie=UTF-8 <https://en.wikipedia.org/wiki/Kepler-22b>

And the name of the book is: interesting facts about space