



Your paragraph text

Clarissa

An adventure from
sun to the earth

Lisa and her Love for Stars...



Lisa dinner is ready. come and eat.



yes mom comin just a second.

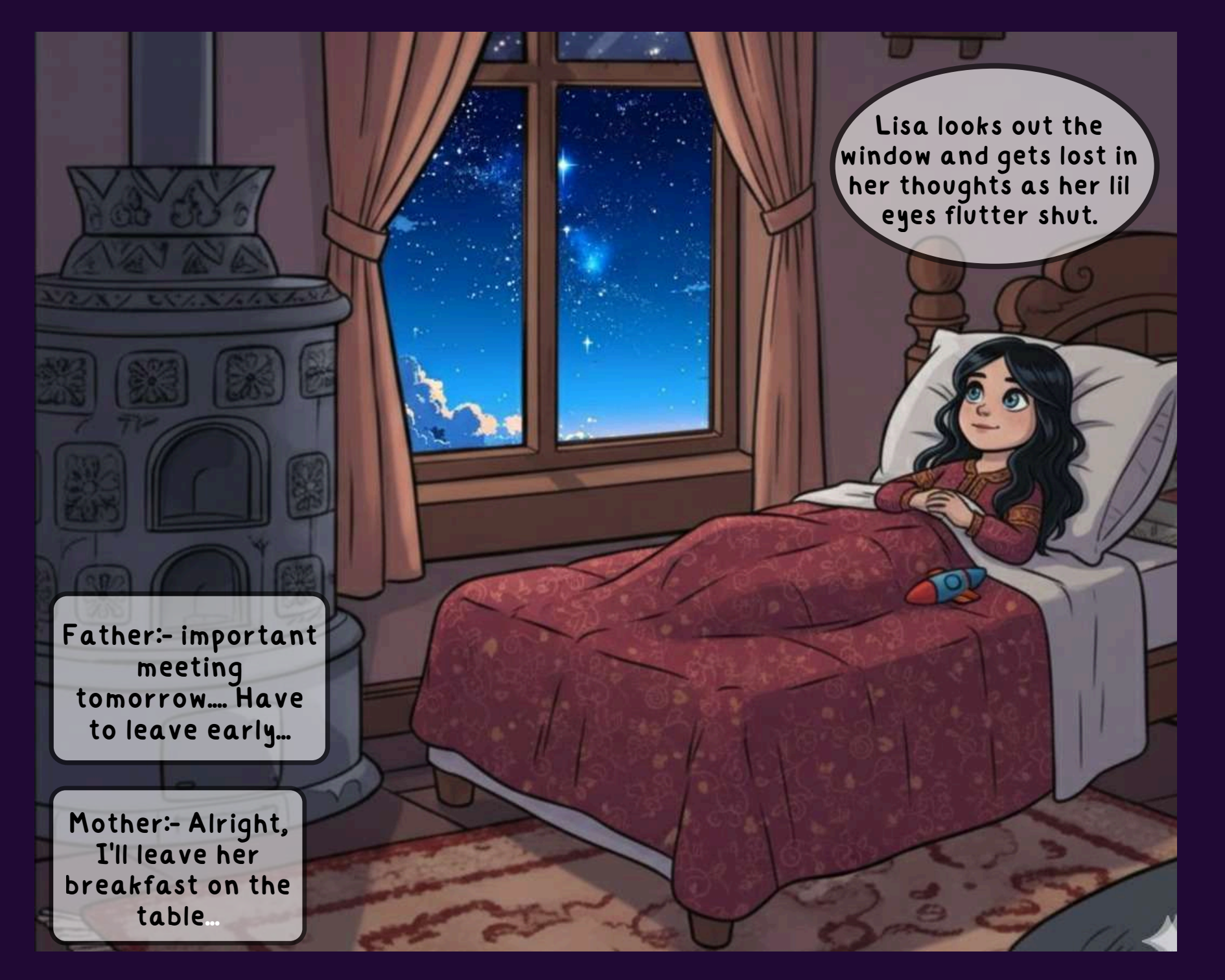


Lisa food will get cold



She glances back one last time. Oh how she loved those stars.





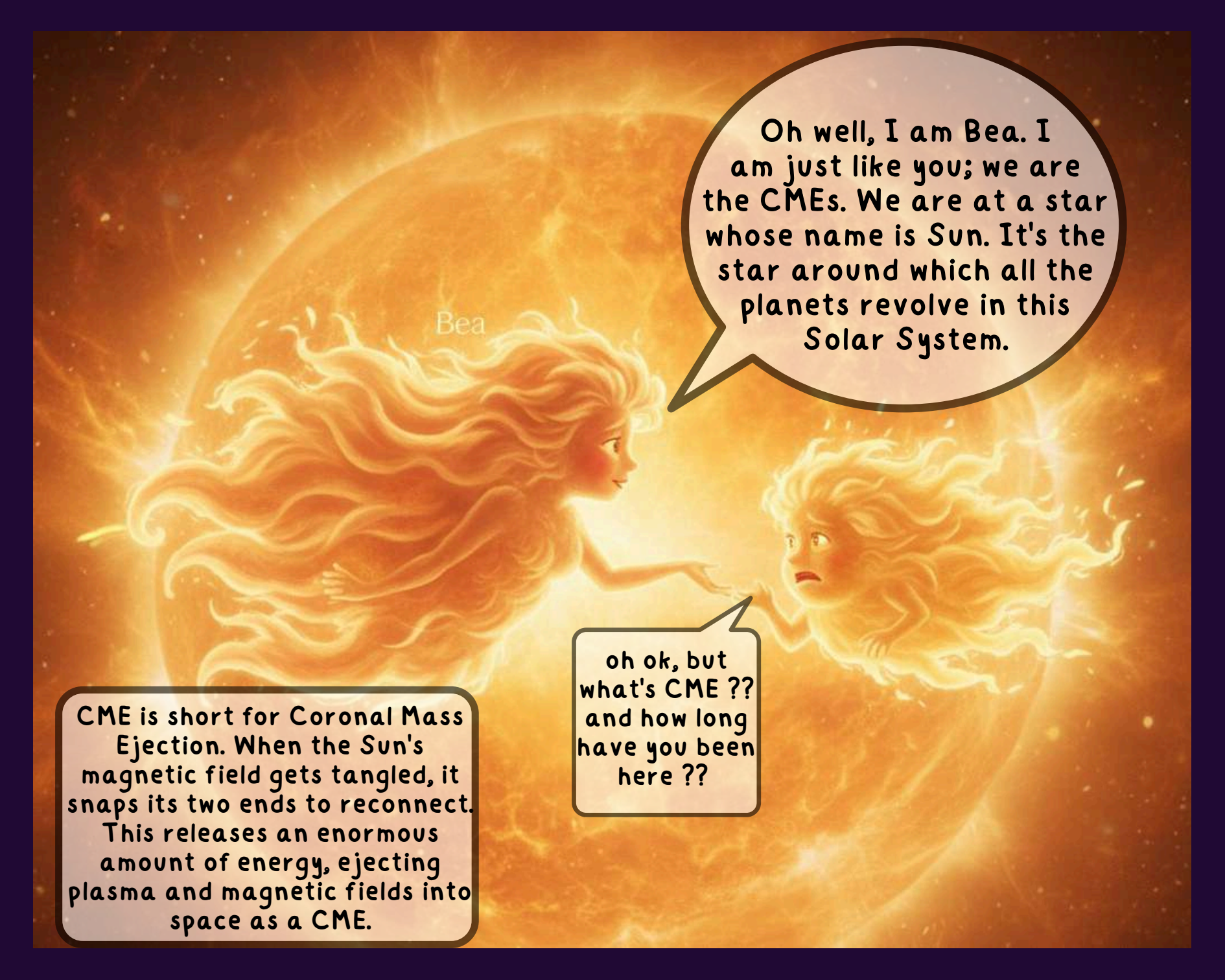
Lisa looks out the window and gets lost in her thoughts as her lil eyes flutter shut.

Father:- important meeting tomorrow.... Have to leave early...

Mother:- Alright, I'll leave her breakfast on the table...

Birth of Clary and her exploration with Bea





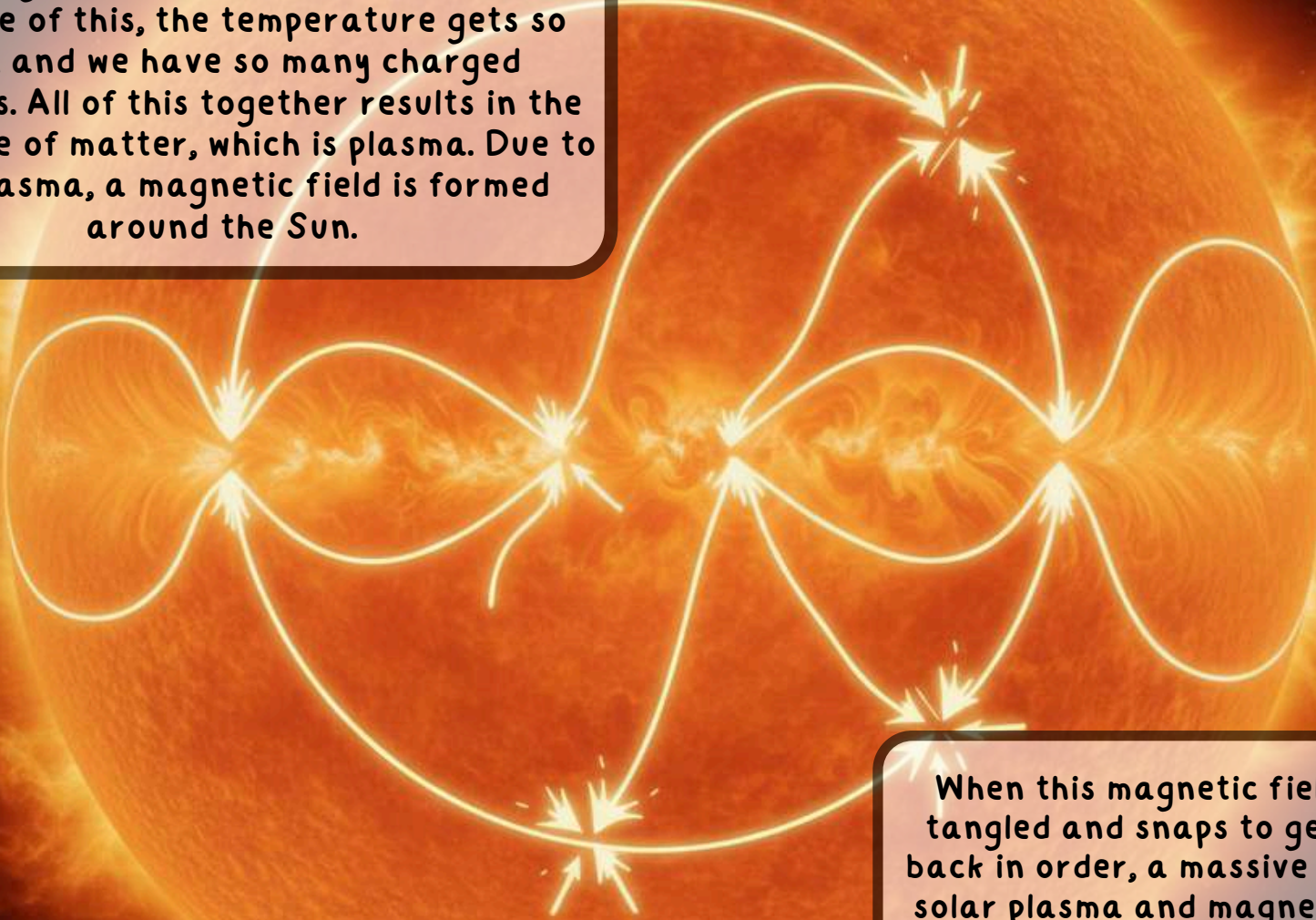
Oh well, I am Bea. I am just like you; we are the CMEs. We are at a star whose name is Sun. It's the star around which all the planets revolve in this Solar System.

oh ok, but what's CME ?? and how long have you been here ??


CME is short for Coronal Mass Ejection. When the Sun's magnetic field gets tangled, it snaps its two ends to reconnect. This releases an enormous amount of energy, ejecting plasma and magnetic fields into space as a CME.

So, basically, the Sun is made of hydrogen and helium particles. At the very core of the Sun, a nuclear reaction takes place in which two hydrogen particles fuse to make helium.


Because of this, the temperature gets so high, and we have so many charged particles. All of this together results in the 4th stage of matter, which is plasma. Due to this plasma, a magnetic field is formed around the Sun.



When this magnetic field gets tangled and snaps to get itself back in order, a massive burst of solar plasma and magnetic field from the Sun's outer atmosphere, called the corona, happens, which results in the creation of us, Coronal Mass Ejections!



So I am like a burst of energy made from the Sun!



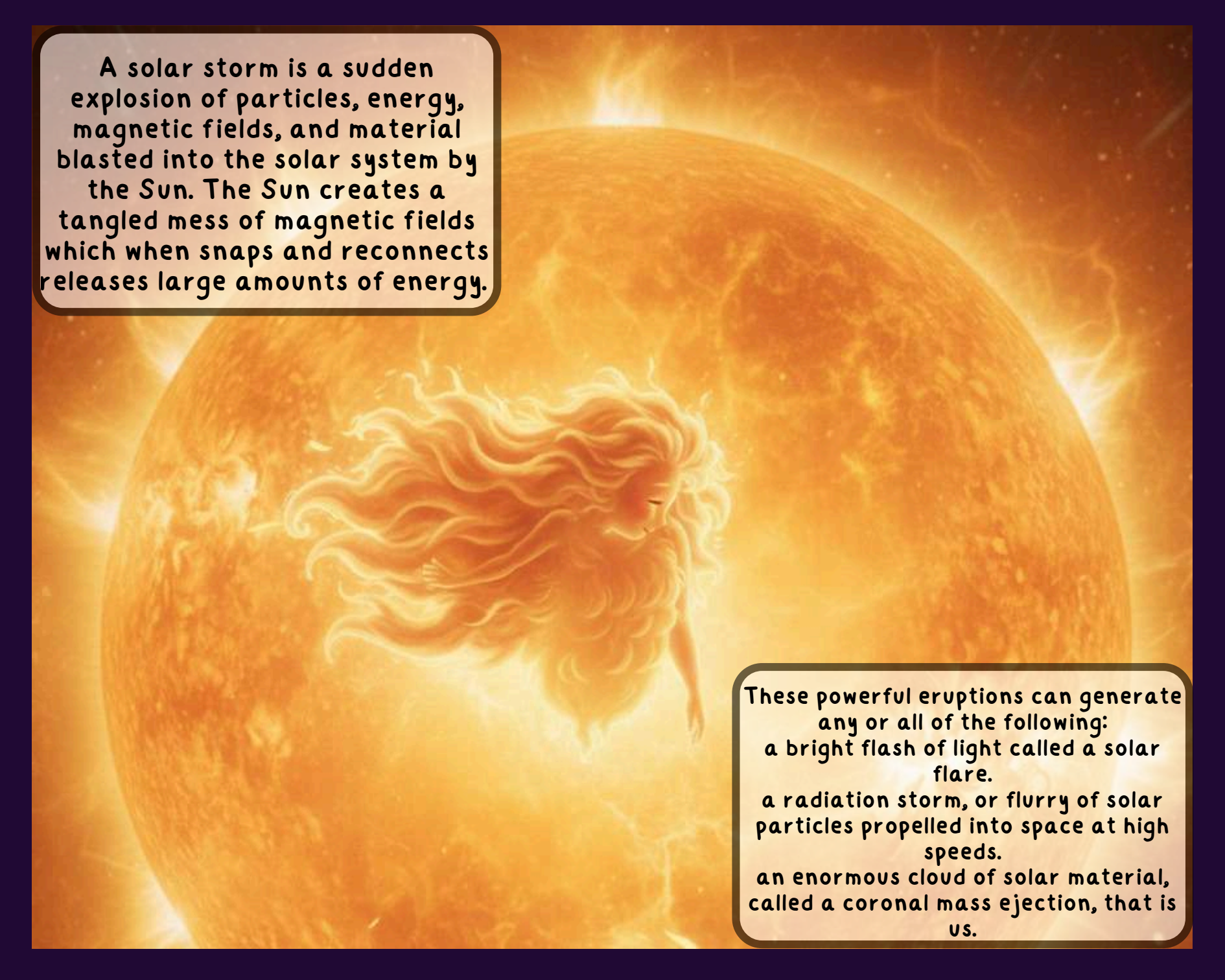
Yes, you are a plasma cloud which is full of energy. Oh, how about we name you Clary?



That sounds great! You look quite big, how long have you been here?

I came a couple of days before you. You will also increase in size with time. I am just waiting for the solar wind to drift me off from here towards the outer universe or some other planets. The Sun has been quite cold for the past few hours. And the solar storm I was born from didn't have enough energy to drift me off along with my friends.

What is that ??



A solar storm is a sudden explosion of particles, energy, magnetic fields, and material blasted into the solar system by the Sun. The Sun creates a tangled mess of magnetic fields which when snaps and reconnects releases large amounts of energy.

These powerful eruptions can generate any or all of the following:

- a bright flash of light called a solar flare.
- a radiation storm, or flurry of solar particles propelled into space at high speeds.
- an enormous cloud of solar material, called a coronal mass ejection, that is us.



Looks like there is
going to be another
Solar Storm. Clary
hold my hand don't
be scared okay??






wake
up



bea yes,
it's me.
Are you
ok ??


A cartoon illustration of two sun-like characters with large, wavy, orange-yellow flames for hair and bodies. They are floating in a dark blue space filled with stars. In the upper right corner, a large, bright orange and red sun is visible. The character on the left is slightly larger and has a more pronounced flame-like body. The character on the right is smaller and has a more rounded, flame-like body. Both characters have large, expressive eyes and a friendly smile. They are engaged in a conversation, with speech bubbles indicating their dialogue.

ya i am fine.
Are you
alright??

I am
alright.
Where are
we ??

looks like
we are
somewhere
near venus.


Venus?? and
what is that
rock over
there ??



Venus is the
second planet
from sun and
that rock is Earth
third planet from
sun.

oh well looks
like we are
gonna collide
into it.

well
everything
which has
come to life
has to leave
one day.



What are
you thinking
??

What is going
to happen
next ??


Well we both
have enough
energy to reach
Earth. We are
going to go
there.

I don't
know, I just
don't feel
well.



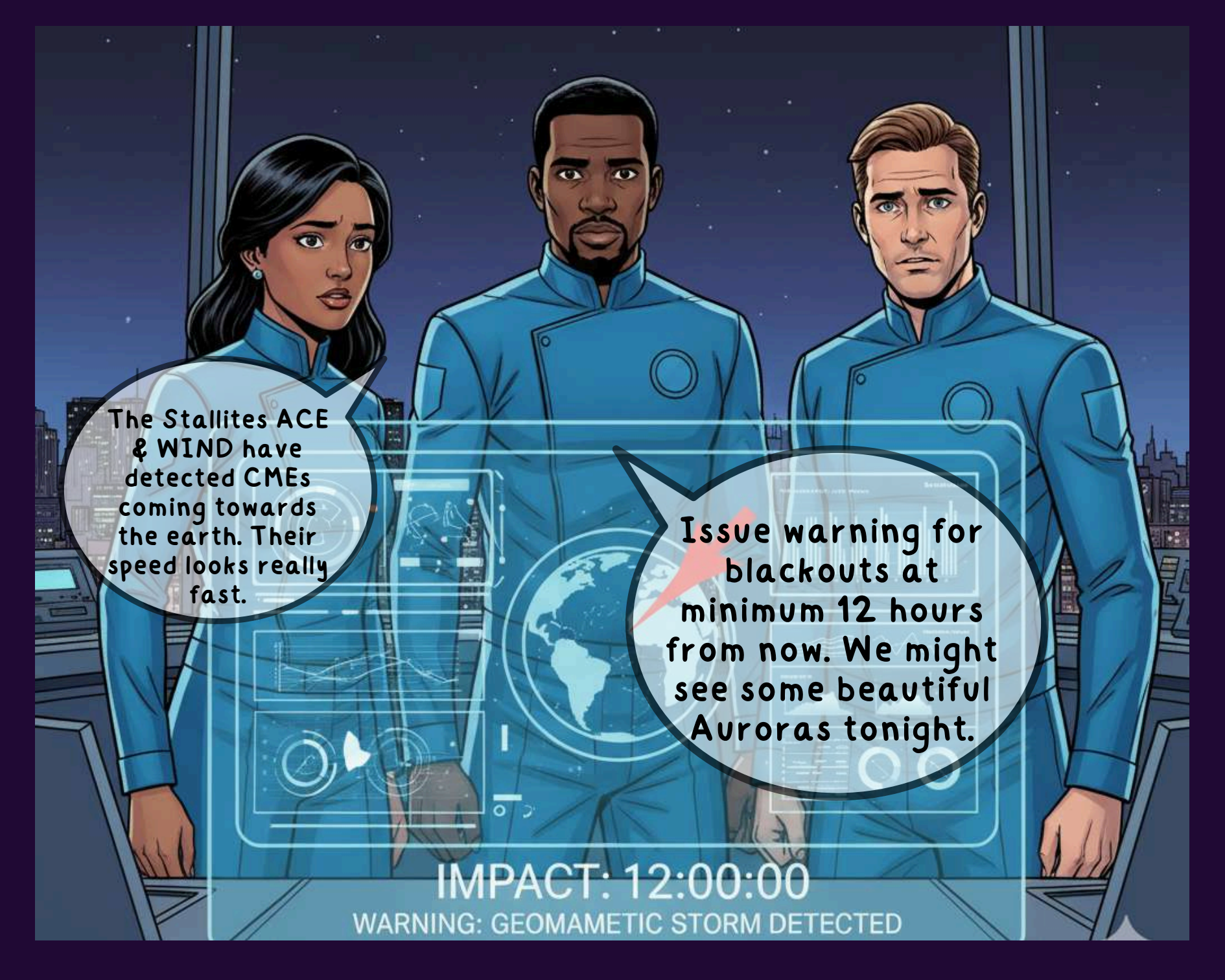
Earth is a beautiful planet. It is the only planet in universe which supports life.

is that so ??



Yes Clary. Earth's magnetic field works in a similar way to the Sun's —they're both made by moving electric charges inside. But the Sun is extremely hot, while Earth's surface is much cooler which makes it safer for life to exist.

Clary, it will hurt a lil. When we collide but then everything will better.



The Stallites ACE
& WIND have
detected CMEs
coming towards
the earth. Their
speed looks really
fast.

Issue warning for
blackouts at
minimum 12 hours
from now. We might
see some beautiful
Auroras tonight.

IMPACT: 12:00:00

WARNING: GEOMAMETIC STORM DETECTED



As they get near to the earth. The charged particles in their cloud started to pour into the magnetosphere, The magnetic field of Earth. As the reaction started the magnetosphere started compressing, and shaking, which triggered the geomagnetic storm. Charged particles funnel down Earth's magnetic field lines toward the poles. They collide with atmospheric gases, creating auroras—bright, colorful lights in the sky, usually near the Arctic and Antarctic. As the sky glowed with green, blue, and pink lights, Bea and Clary's charged particles danced together in the air—safe again, happy, and hopping with joy. Lisa woke up as the light from Clary, Bea, and countless other CME particles touched her face. She smiled at the sky, eyes half-asleep, admiring the glow as if it were all just a dream.



