



Space Rules

Authors: Aparna Kapur, Bijal Vachharajani

Illustrator: Canato Jimo

Photographer: NASA Images

Level 3



Destination:
light-years away



Never forget to look back and wave goodbye as you leave.

Take all the

s p a c e

you need.

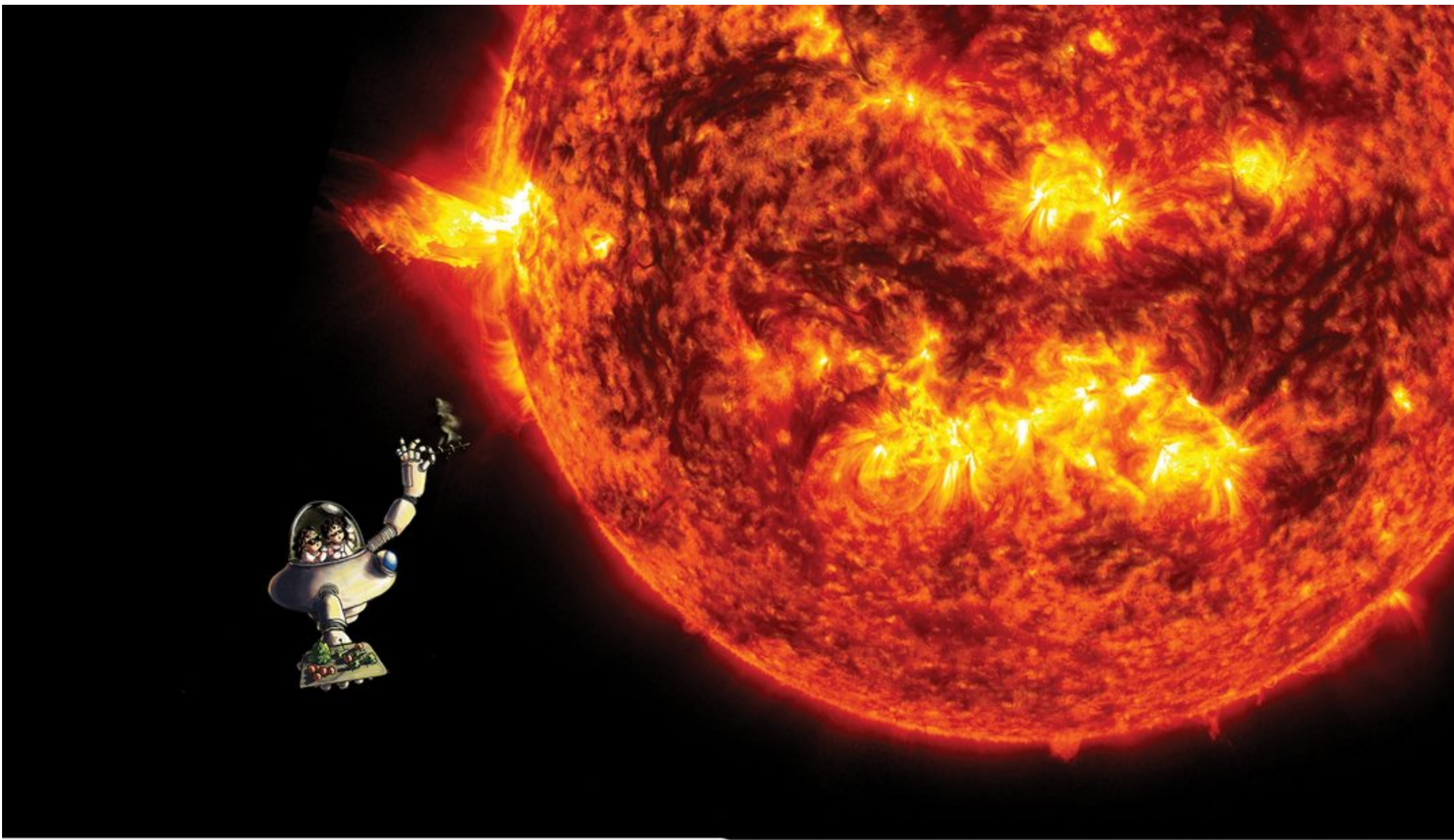




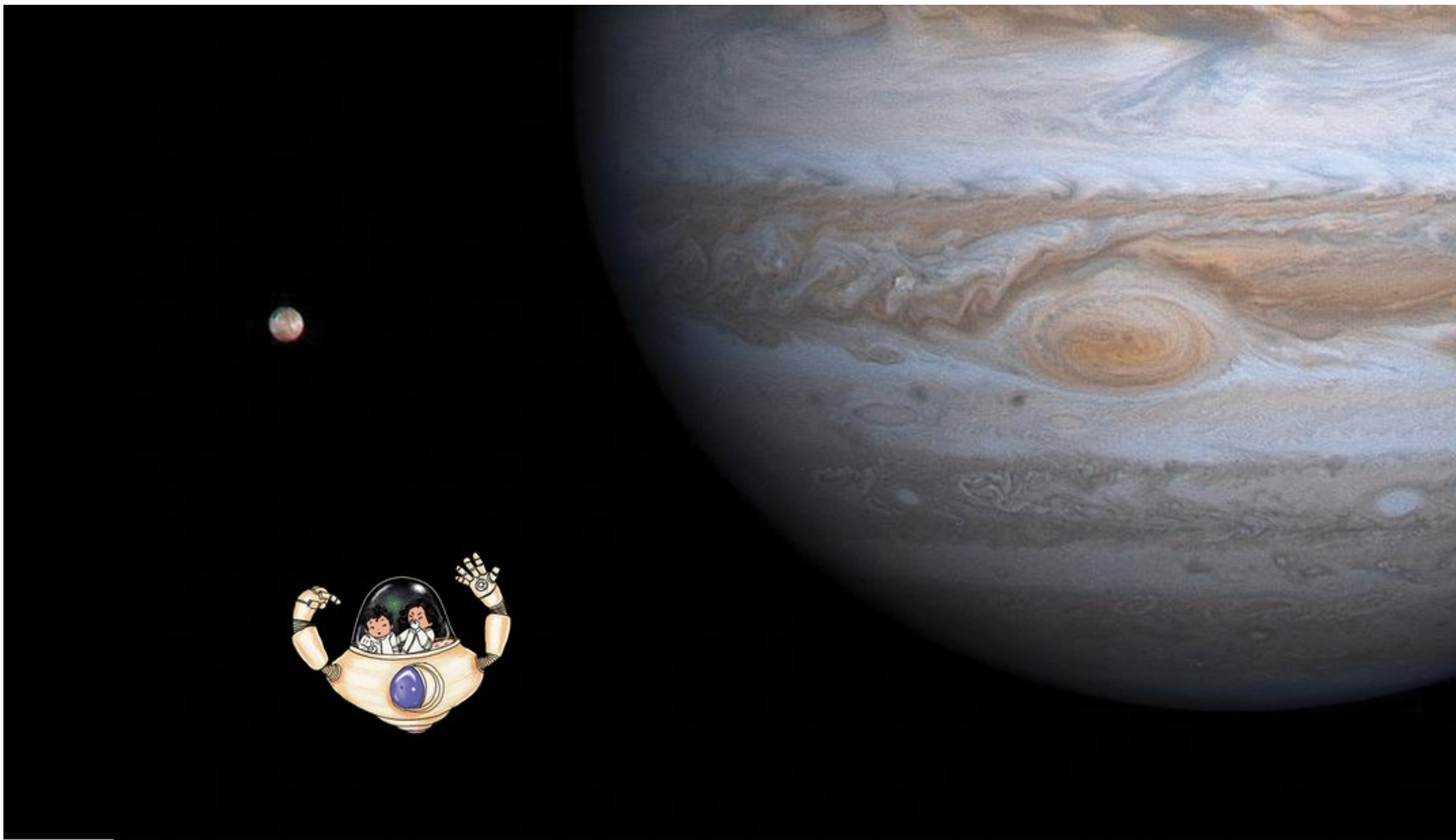
The universe has room for every one of your big thoughts.



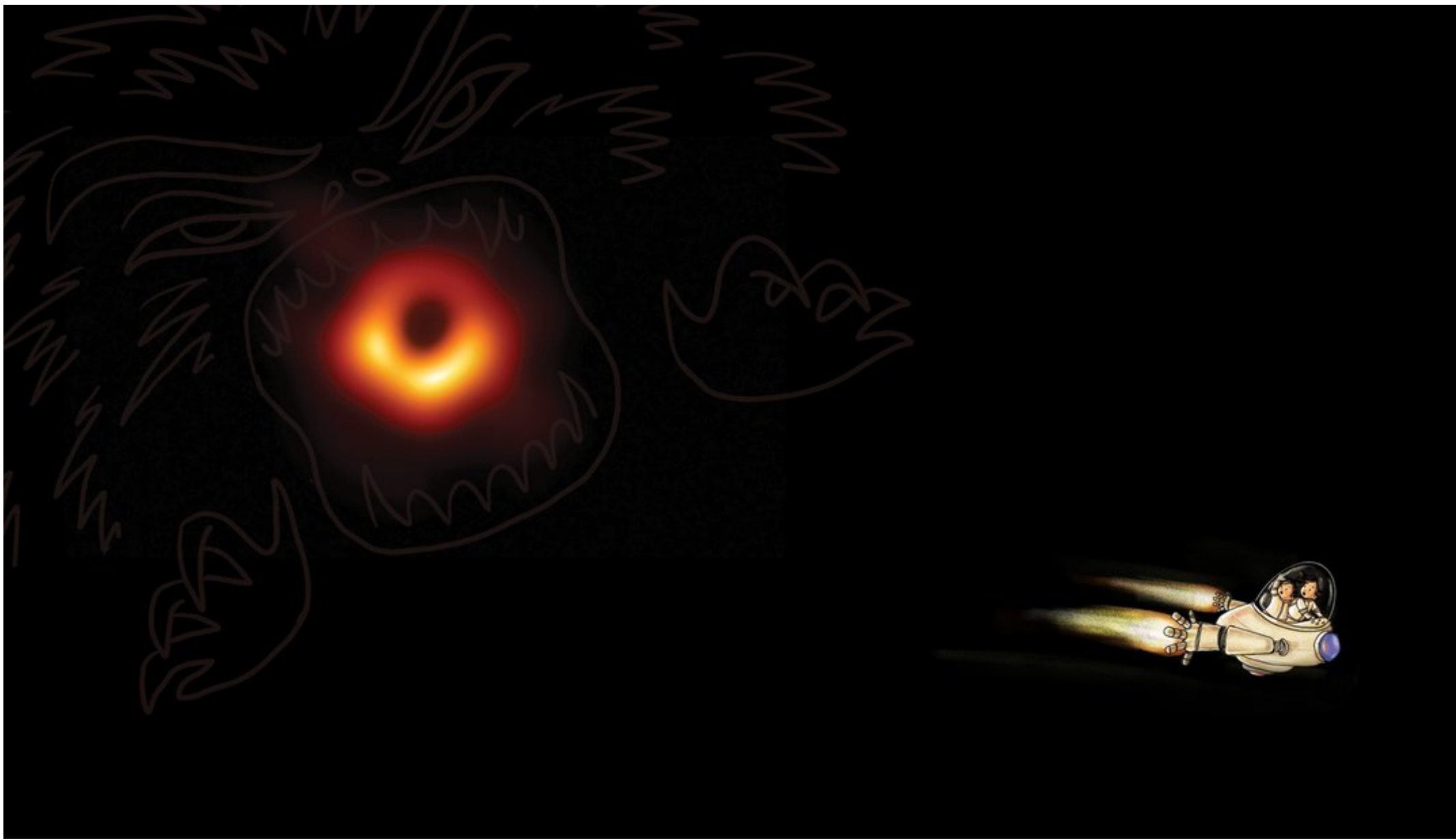
Even if your neighbours seem a bit cold, be friendly to them.



When you get hungry, you can always
have something cooked by the Sun.



Don't forget to say "excuse me"
when you pass a gas giant.



Never feed a black hole.



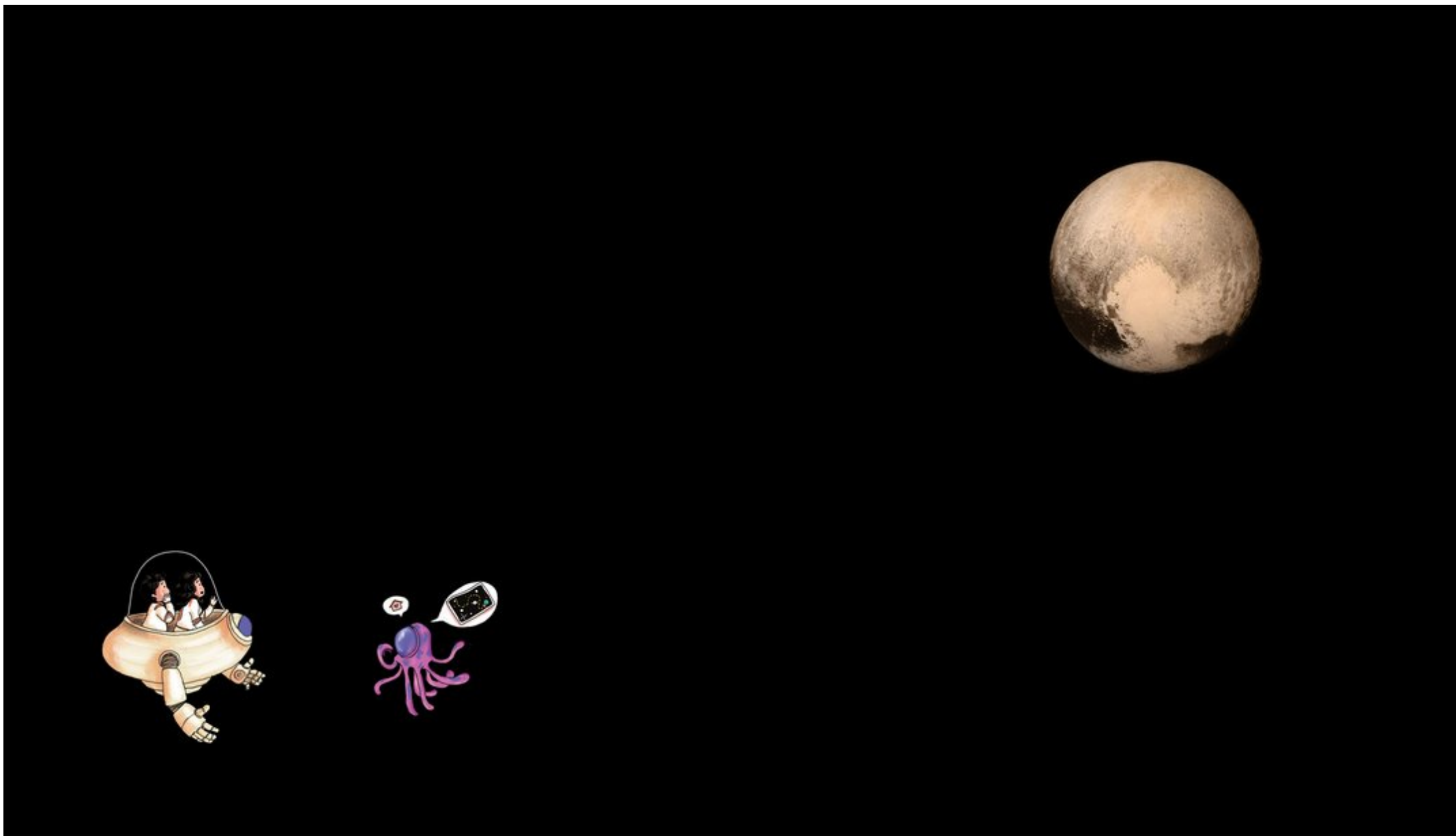
Sometimes you will be neither here nor there.
If you lose your way, go somewhere new.



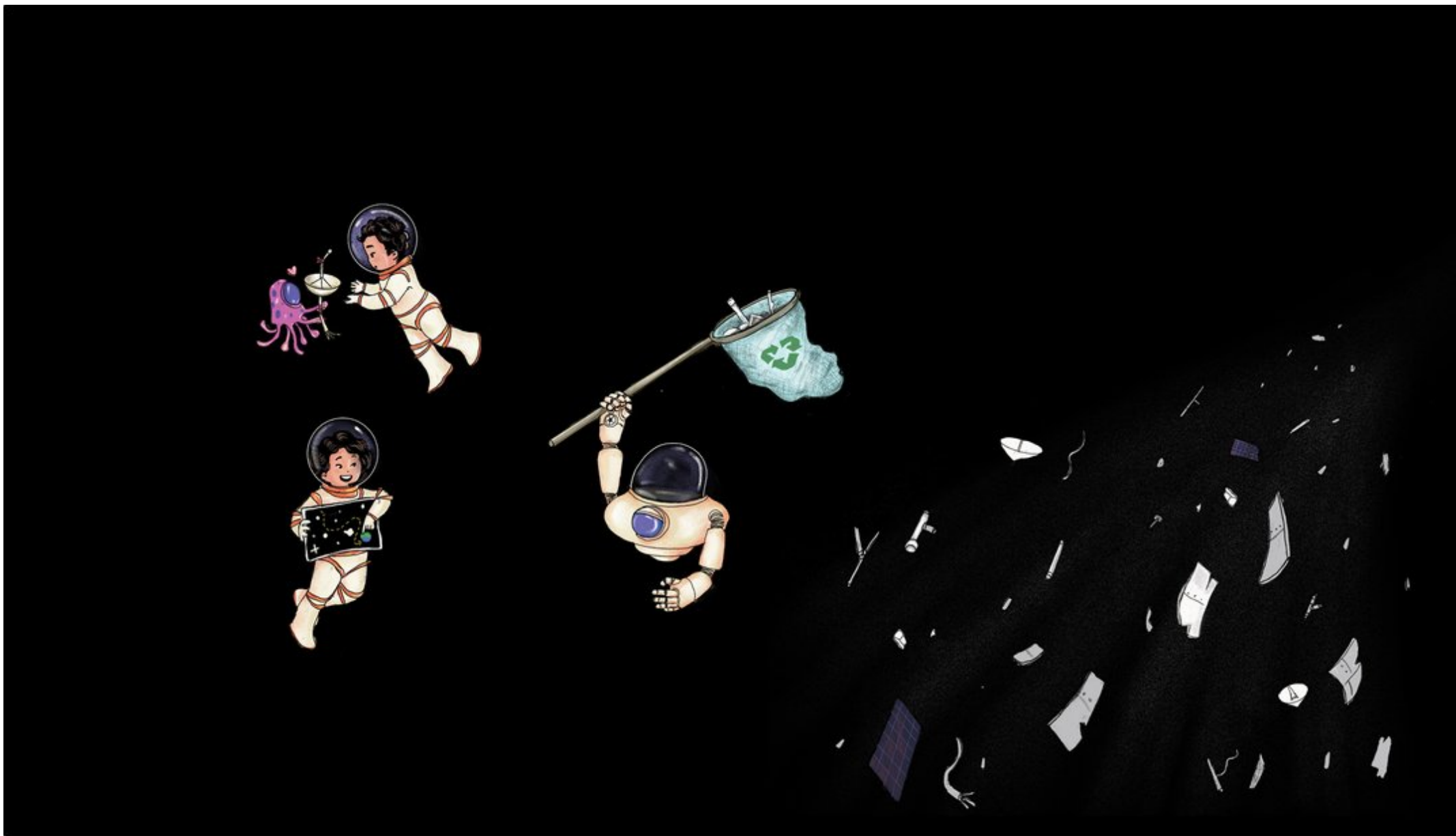
Even if a rock comes in your path, go on.



When it all becomes too much,
don't shout at your fellow travellers—
they can't hear you in space anyway.



When you lose heart, look towards Pluto.



Enjoy your trip, but please clean up after yourself.

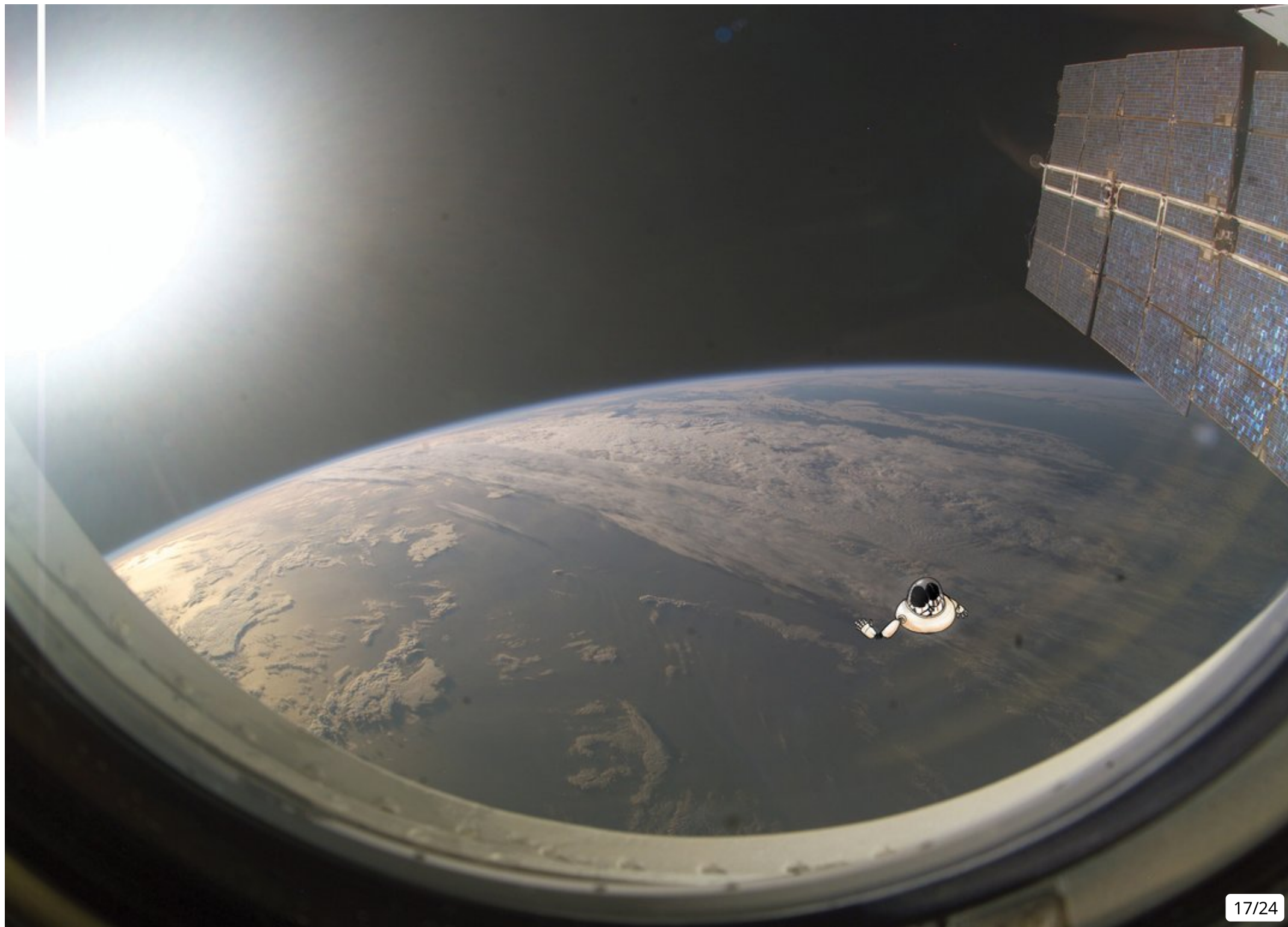



If you come across a star that looks familiar,
that's because you've met before.

Everything has a side we will never see.



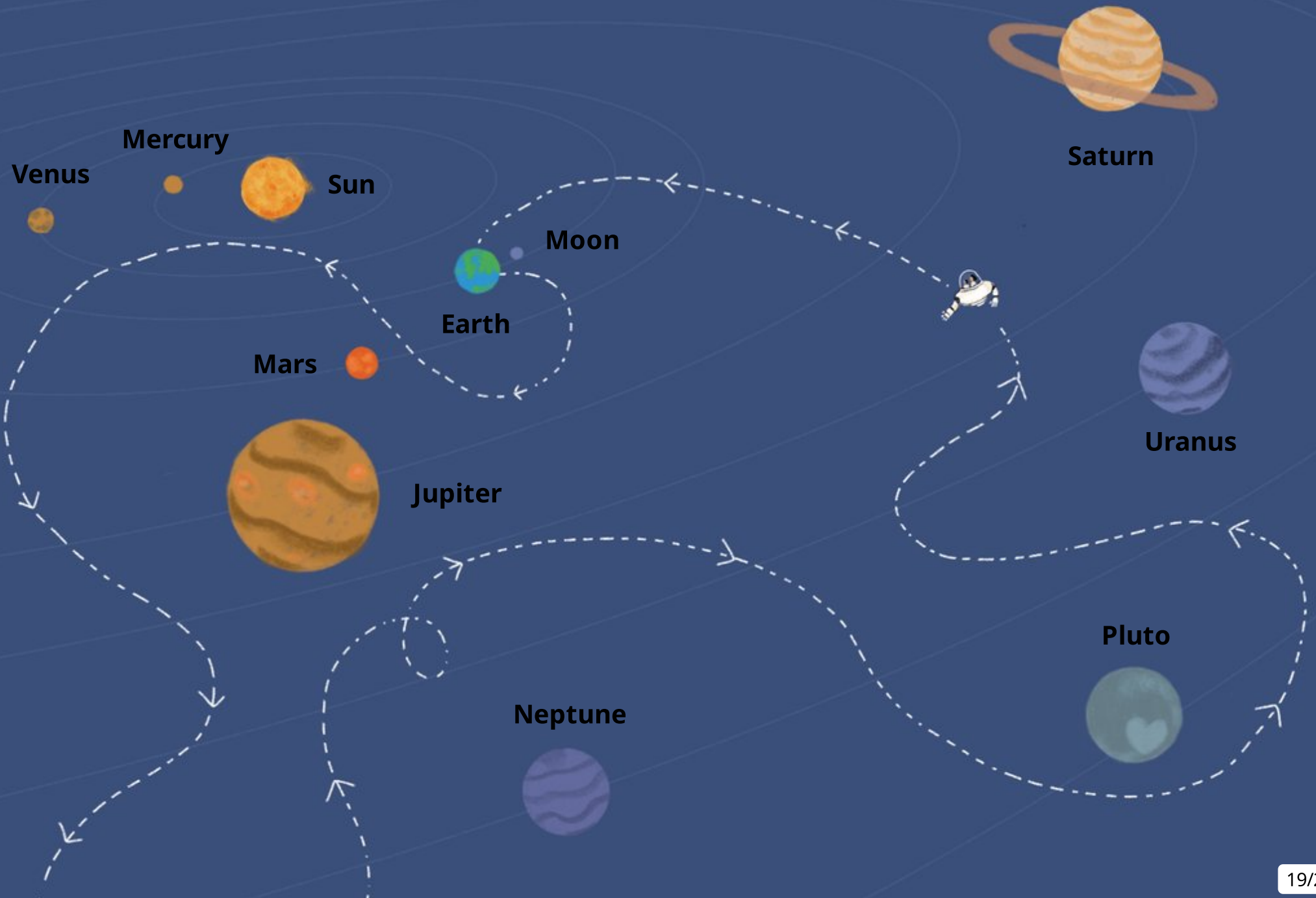
There's so much to explore. After all, your universe is never empty.



A composite image featuring a vibrant night sky with the Milky Way galaxy visible as a dense band of stars. Below the sky, a dark silhouette of a forest of evergreen trees stretches across the middle. In the bottom right corner, a cartoon illustration shows a family of three—a man, a woman, and a child—standing on a dark hillside, looking up at the stars. A small, dark car is parked next to them. The overall mood is peaceful and nostalgic.

Hello, home!

The Voyage





NASA, European Space Agency (ESA), and the Hubble Heritage Team (Space Telescope Science Institute [STScI]/AURA)

A JOURNEY AROUND THE SOLAR SYSTEM

What all did our astronauts see in space? Now you can go on the expedition, with these amazing images from NASA—USA's National Aeronautics and Space Administration. These images give us new ways to think about life on Earth.

Light-year

One light-year is the distance that light travels in one Earth year. That's 365.25 days.



NASA/Kennedy Space Center (KSC)

Earthrise

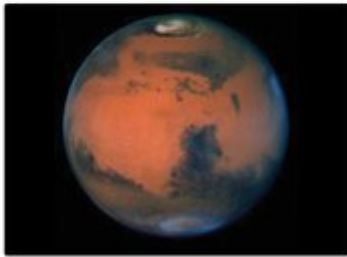
The spacecraft Apollo 8, with astronauts William Anders, Frank Borman and James Lovell, was off to the Moon, when Bill took this photo of Earth peeking out beyond the lunar horizon. Ever since, astronauts on Moon missions have turned back and taken photos of our home planet.



NASA, ESA, STScI

Space telescopes

In 1990, NASA sent off the Hubble Telescope to orbit Earth. The Hubble has taken some 1.6 million observations of almost 52,000 celestial targets. The largest optical telescope in space right now is the James Webb Space Telescope, launched in 2021.



*NASA/Jet Propulsion
Laboratory (JPL)*

Mars

Our nearest neighbour, the red planet, has seasons and is a cold desert.



NASA Goddard

The Sun

Everything we eat is thanks to solar energy. Plants use light to produce carbohydrates, and animals, like us, eat plants, or other animals.



*Event Horizon Telescope
Collaboration*

Black hole

An object around which gravity is so strong that nothing can escape—not even light.

Asteroids and more

Our Solar System has meteors, comets, asteroids and dust clouds. In fact, the space between Mars and Jupiter is called the asteroid belt because it contains a lot of irregular rocks of varying shapes and sizes.



NASA/STScI/AURA

Space sound

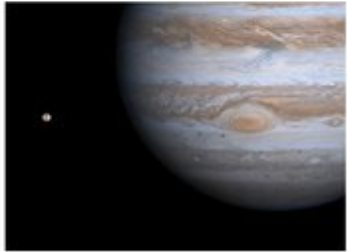
Outer space is mostly a vacuum. No sound can travel there.



Pluto

In 2015, NASA's spacecraft New Horizons spotted a heart-shaped icy area on Pluto.

*NASA/Johns Hopkins University
Applied Physics Laboratory/
Southwest Research Institute*



Jupiter

The planet Jupiter, like Saturn, Uranus and Neptune, is made mostly of helium and hydrogen. These planets are called gas giants.

NASA/JPL/University of Arizona



Stardust and us

Each one of us is made up of stardust! Most of the elements in our DNA are made inside stars. When stars die, these elements are released into the cosmos.

Subaru/NASA/JPL-Caltech

Space junk

Ever since humans began exploring space, we've littered space with orbital debris like satellites that no longer work and spacecraft debris.



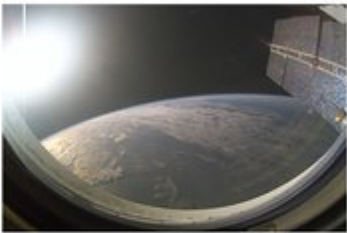
NASA/JPL/USGS

The Moon

We can only see one side of the Moon, our natural satellite, from Earth. That's because the Moon's rotation and revolution take the same amount of time—27 days.

Universe

Space is not empty. Many scientists believe that there is lots more matter out there than we can see and detect.



*NASA/Johnson Space
Center (JSC)*

Our home

The third planet from the Sun, our Earth is unique. After all, it has all the perfect conditions for us to live in.



NASA/Bill Ingalls

Story Attribution:

This story: Space Rules is written by [Aparna Kapur](#), [Bijal Vachharajani](#) . © Pratham Books , 2024. Some rights reserved. Released under CC BY 4.0 license.

Other Credits:

'Space Rules' has been published on StoryWeaver by Pratham Books. The development of this book has been supported by Henkel Anand India Private Limited. www.prathambooks.org. We're thankful to Raunaq Freeman for his inputs on this book.

Images Attributions:

Cover page: [Two kids in a spaceship witnessing the formation of a star](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 2: [Launching of a space shuttle](#), by [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 3: [Two kids in a spaceship waving goodbye to earth](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 4: [Alien in space making a calling gesture](#), by [Canato Jimo](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 5: [Two children levitating in space looking at the Cosmic Cliffs in the Carina Nebula](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 6: [Two kids looking at a plant in a space helmet on Mars](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 7: [Two kids in a spaceship having a barbeque by the Sun](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 8: [Two disgusted kids in a spaceship passing by Jupiter](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 9: [Spaceship with two kids running from a monstrous blackhole](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 10: [A spaceship in space scratching it's head while the alien calls them](#), by [Canato Jimo](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 11: [Spaceship flying and punching an asteroid to pieces](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license.

Disclaimer: https://www.storyweaver.org.in/terms_and_conditions



Some rights reserved. This book is CC-BY-4.0 licensed. You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking permission. For full terms of use and attribution, <http://creativecommons.org/licenses/by/4.0/>



The development of this book has been supported by 'Henkel Anand India Private Limited'.

Images Attributions:

Page 12: [Silhouette of spaceship and alien pointing in all directions](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 13: [Kids in a spaceship and alien looking at the heart shape on Pluto](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 14: [An alien, two kids and their spaceship cleaning up their space debris](#), by [Canato Jimo](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 15: [Spaceship pointing at a star in space and a kid waving](#), by [Canato Jimo](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 16: [Spaceship pointing at the moon with hidden monsters](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 17: [View from the space station of kids in a spaceship](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 18: [Two kids looking at starry night sky](#), by [Canato Jimo](#), [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 19: [Voyage path around the solar system](#), by [Canato Jimo](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 20: [Formation of a star and Earthrise](#), by [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 21: [Carina Nebula, Mars and the Sun](#), by [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 22: [Photographs of blackhole and outerspace](#), by [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license. Page 23: [Collage of photos of Pluto, Jupiter and Stardust](#), by [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license.

Disclaimer: https://www.storyweaver.org.in/terms_and_conditions



Some rights reserved. This book is CC-BY-4.0 licensed. You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking permission. For full terms of use and attribution, <http://creativecommons.org/licenses/by/4.0/>



The development of this book has been supported by 'Henkel Anand India Private Limited'.



This book was made possible by Pratham Books' StoryWeaver platform. Content under Creative Commons licenses can be downloaded, translated and can even be used to create new stories - provided you give appropriate credit, and indicate if changes were made. To know more about this, and the full terms of use and attribution, please visit the following [link](#).

Images Attributions:

Page 24: [photographs of the Moon, Earth and starry sky](#), by [NASA Images](#) © Pratham Books, 2024. Some rights reserved. Released under CC BY 4.0 license.

Disclaimer: https://www.storyweaver.org.in/terms_and_conditions



Some rights reserved. This book is CC-BY-4.0 licensed. You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking permission. For full terms of use and attribution, <http://creativecommons.org/licenses/by/4.0/>



The development of this book has been supported by 'Henkel Anand India Private Limited'.

Space Rules

(English)

3, 2, 1... Blast off into space, where there are planets to visit, stars to revisit, and some rules that are good to know. Rules that are universal, for space and for our home planet, Earth.

This is a Level 3 book for children who are ready to read on their own.



Pratham Books goes digital to weave a whole new chapter in the realm of multilingual children's stories. Knitting together children, authors, illustrators and publishers. Folding in teachers, and translators. To create a rich fabric of openly licensed multilingual stories for the children of India and the world. Our unique online platform, StoryWeaver, is a playground where children, parents, teachers and librarians can get creative. Come, start weaving today, and help us get a book in every child's hand!