



An ESBAŞ Enterprise



Global Friendship Through Space Education



### CONTENTS

- G7 Nations: The World Needs Space Junk Standards ..... 1
- China Will Launch First Crew to New Space Station ..... 1
- New NASA Challenge Offers Prizes ..... 2
- Strangeness In Our Planet’s Interior ..... 2
- NASA Will Return to Venus ... 3
- Zhurong Rover to Move South After Testing ..... 3

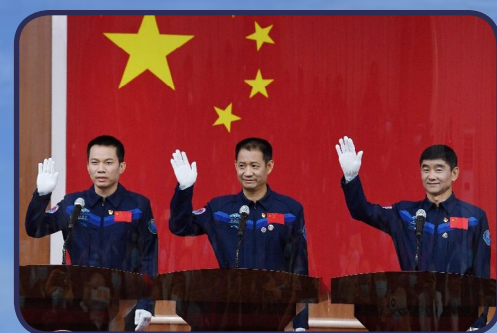


### G7 Nations: The World Needs Space Junk Standards

Leading industrial nations have agreed to make the space junk problem a priority in order to ensure future sustainable use of space. The announcement, made at the G-7 Leaders’ Summit in Cornwall, U.K., on Sunday (June 13), has been hailed by representatives of the commercial space industry and experts alike as a major milestone.

Delegates from Canada, France, Germany, Italy, Japan, the U.S., the U.K. and the EU, have agreed to focus on the development of common standards of sustainable operations as well as space traffic management and coordination.

Space.com

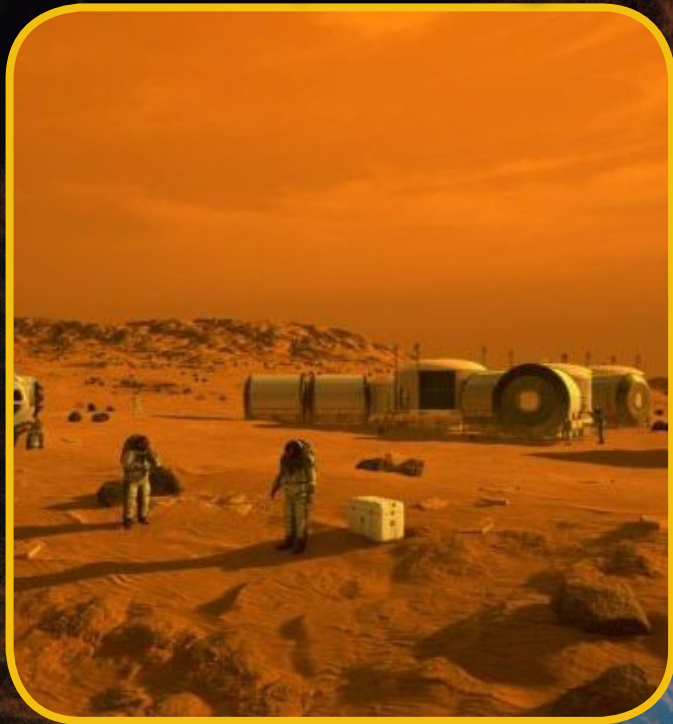


## China Will Launch First Crew to New Space Station

Astronauts blasting off on Thursday for China’s first crewed mission to its new space station will have a choice of 120 different types of food and “space treadmills” for exercise, China’s space agency said. The mission will be China’s longest crewed space mission to date and the first in nearly five years, as Beijing pushes forward with its ambitious programme to establish itself as a space power.

Phys.org

## New NASA Challenge Offers Prizes for Sprouting Astronaut Food Systems



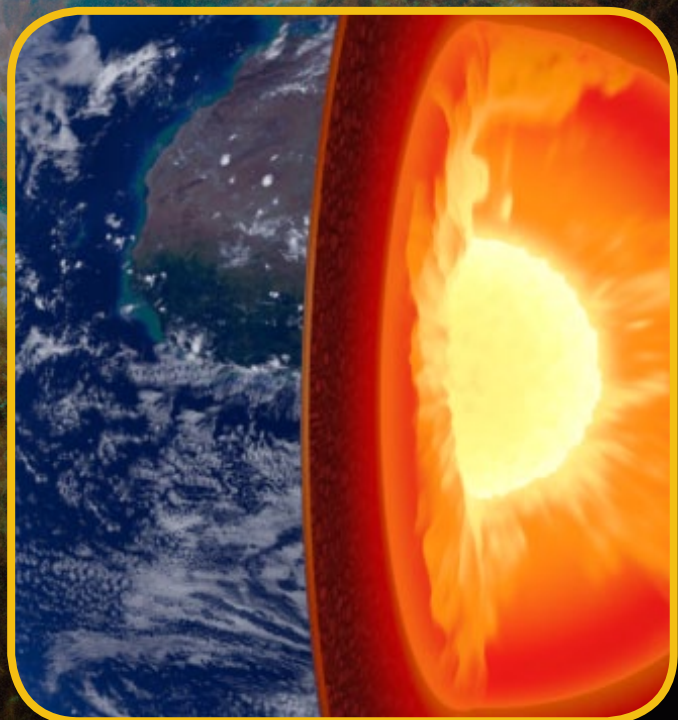
In coordination with the Canadian Space Agency, NASA has opened the Deep Space Food Challenge. The goal is to generate novel food production technologies or systems that require minimal resources and produce minimal waste, while providing safe, nutritious, and tasty food for long-duration human exploration missions.

*Technology.org*

## Earth's Lopsided Core? Strangeness In Our Planet's Interior

Far beneath our feet, Earth's inner core is solid iron, very hot and very dense. It's surrounded by a molten iron-nickel outer core (whose flow generates Earth's magnetic field) and a rocky mantle that's mostly solid but which, over eons of time, moves slowly. Illustrations show Earth's inner core as round, like a ball. But Earth's core doesn't tend toward roundness.

*EarthSky.org*



## NASA Will Return to Venus With Two Missions by 2030



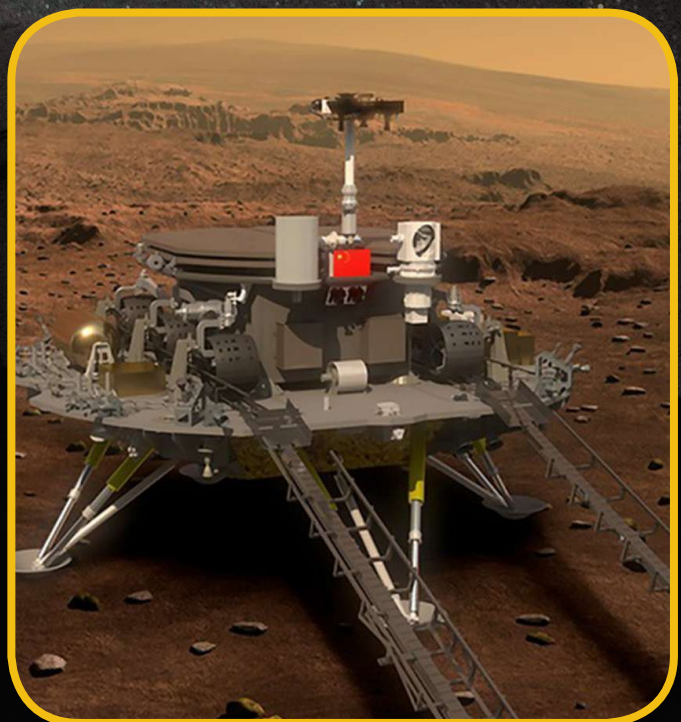
After neglecting our sister planet for almost three decades, NASA is heading back to Venus. On June 2, NASA administrator Bill Nelson announced that the agency would send two new missions to Earth's inner neighbor by 2030. One of them, DAVINCI+, is an atmospheric probe that will free fall to Venus' surface, sampling its acidic clouds and snapping closeups of its terrain. The other, VERITAS, will study the planet from orbit with state-of-the-art radar and imaging instruments.

*Astronomy.com*

## Zhurong Rover to Move South After Testing

China's Mars rover Zhurong will continue moving southward to explore the Red Planet, focusing on key scientific issues, such as potential locations of water and ice, as well as volcanic activities, according to a project leader.

Liu Jianjun, chief designer of the Tianwen-1 mission's scientific system, said on Saturday that mission planners decided the rover would move south out of scientific considerations.



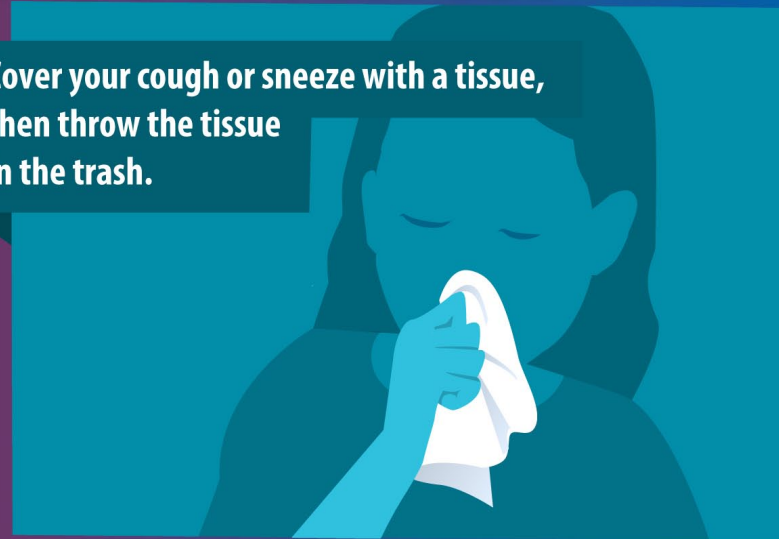
*MarsDaily.com*

## How to Protect Ourselves?

Avoid close contact with people who are sick.



Cover your cough or sneeze with a tissue, then throw the tissue in the trash.



Avoid touching your eyes, nose, and mouth.



Clean and disinfect frequently touched objects and surfaces.



Stay home when you are sick, except to get medical care.



Wash your hands often with soap and water for at least 20 seconds.





## Astronomy Picture of the Day

### *Eclipse Flyby*

**Image Credit & Copyright:** Zev Hoover, Christian A. Lockwood, and Zoe Chakoian

On June 10 a New Moon passed in front of the Sun. In silhouette only two days after reaching apogee, the most distant point in its elliptical orbit, the Moon's small apparent size helped create an annular solar eclipse. The brief but spectacular annular phase of the eclipse shows a bright solar disk as a ring of fire when viewed along its narrow, northerly shadow track across planet Earth. Cloudy early morning skies along the US east coast held gorgeous views of a partially eclipsed Sun though. Rising together Moon and Sun are captured in a sequence of consecutive frames near maximum eclipse in this digital composite, seen from Quincy Beach south of Boston, Massachusetts. The serendipitous sequence follows the undulating path of a bird in flight joining the Moon in silhouette with the rising Sun.

[apod.nasa.gov](http://apod.nasa.gov)



Space Camp Turkey, Aegean Free Zone 35410 Gaziemir, Izmir / Turkey

Phone : +90 232 252 35 00 Fax : +90 232 252 36 00

Email: [info@spacecampturkey.com](mailto:info@spacecampturkey.com)

© 2020 - SPACE CAMP TURKEY / ALL RIGHTS RESERVED - An ESBAS Enterprise

