

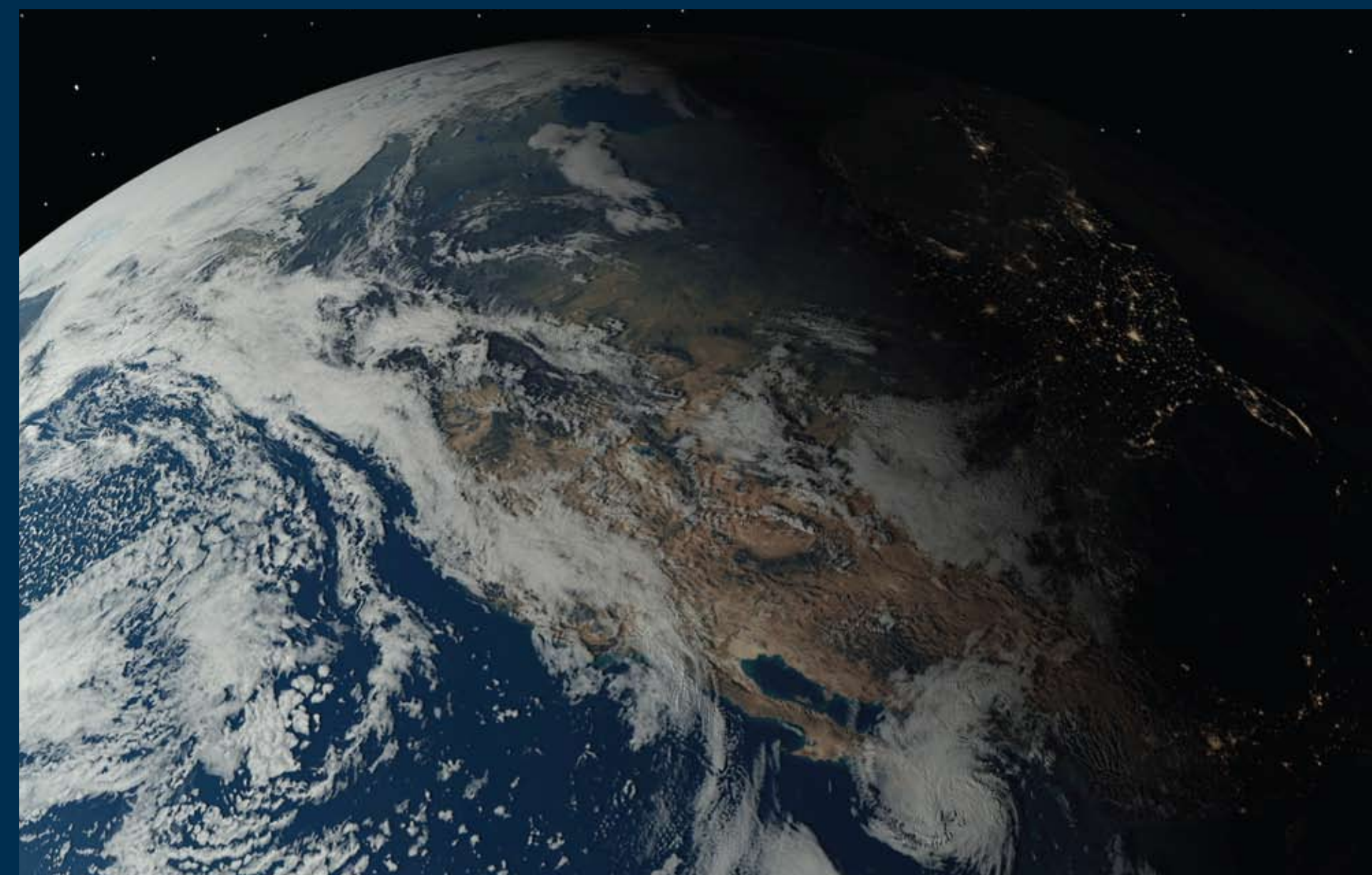
05 EARTH - CORPUS CHRISTI

full Scale

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Welcome Home

From space, Earth's swirling white clouds reveal an often-turbulent atmosphere. The browns are landmasses, but mostly we see the blue of a planet covered with oceans of water. As nightfall sweeps westward across its face, the land begins to glow with lights—we can see ourselves.



Walk to **Mars** about 12 steps

IMAGINE

Just standing on the equator of our rotating Earth, you are traveling 1,000 mph (1,600 km/hr).

Computer-generated image of Earth created from a digital model of the visible planet. Face of the Earth™, ARC Science Simulations, © 2000.

The Living Planet

From space you might miss the most remarkable thing about Earth. It is teeming with life! The diversity of life here is astounding, from single-celled organisms whose world is a drop of water, to the blue whale whose home spans an entire ocean. From frigid Antarctica to the ocean depths, life flourishes.



EARTH
Computer-generated image created using GOES-8 imagery. ARC Science Simulations, ©2000.



Moon
Color photograph taken by amateur astronomers John and Stanley Stys, © 1997.

DISTANCE TO SUN	149.6 x 10 ⁶ km <i>At the speed of a jetliner (600 mph; 1,000 km/hr), it would take 17 years to travel from Earth to the Sun.</i>
DIAMETER	12,756 km
MOONS	1
MASS	5.97 x 10 ²⁴ kg
ROTATION PERIOD	23 Hours 56 Minutes
TIME TO ORBIT SUN	365.25 Days = 1 Earth Year

One Giant Leap

The Moon's surface is ancient, almost frozen in time. The Moon preserves our first steps on another world, made when Apollo 11 astronauts landed at Tranquility Base on July 20, 1969. A thousand years from now, the footprints in the lunar dust will appear the same as the day they were made.



Edward "Buzz" Aldrin during Apollo 11 mission to the Moon. NASA, July 20, 1969.

Walk to **Venus** about 6 steps

Voyage is an exhibition of the National Center for Earth and Space Science Education. It is designed for permanent installation in communities worldwide. <http://voyagesolarsystem.org>

