

Space

Quizlet



<http://bit.ly/incl-adult-class>

VOCABULARY

February 2024

	Basic Words	Notes		Intermediate Words	Notes
1	Earth		14	universe	
2	moon		15	stars	
3	Mars		16	galaxy	
4	Mercury		17	Milky Way	
5	Venus		18	orbit	
6	Jupiter		19	asteroid	
7	Saturn		20	gravity	
8	Uranus		21	eclipse	
9	Neptune		22	black hole	
10	Pluto			Advanced Words	Notes
11	planet		23	nebula	
12	dwarf planet		24	constellation	
13	light year		25	multiverse	

READING & HIGHLIGHTING

Read and discuss in class the passage below. Highlight words you don't know and discuss in class.

Space is an enormous area beyond Earth, and reveals many wonders like planets, moons, and stars, creating a vast cosmic masterpiece. Our home Earth occupies a tiny space in this grand tapestry. Galaxies, such as the Milky Way, form beautiful patterns in the cosmic quilt. The Milky Way is like a vast neighborhood adorned with countless of stars, including our Sun, which may also have planets circling it, similar to Earth's companions. In the cosmic stillness, space is alive with dynamic events-like explosive supernovae and black holes. Telescopes and satellite, like the James Webb Telescope, extend our vision, uncovering the universe's origins. Human curiosity extends beyond our earthly borders; probes embark on interplanetary journeys, and astronauts, following in lunar footsteps to explore our celestial neighbors. As we explore the cosmic frontier, space is a playground of wonders and invites us to unravel its secrets and discover the extensive possibilities beyond our earthly home.

 Put these in size order (smallest to largest)

Neptune Mercury Earth Jupiter Pluto Venus Mercury sun
Mars moon Uranus Saturn St2-18 Deimos Vredefort

(smallest) _____ - _____ - _____ - _____
 _____ - _____ - _____ - _____ - _____
 _____ - _____ - _____ - _____ (largest)

Discussion

Do you believe life exists beyond earth?

If you were to move to a planet, which planet and why?

Do you believe in the multiverse?

HOMWORK

Fill in the blanks...

1. The Earth _____ the Sun, completing one full year which is approximately 365 days.
2. When the Moon passes between the Earth and the Sun, it casts a shadow on Earth, and creates a solar _____.
3. The force that pulls objects toward each other, like keeping us on the ground, is called _____.
4. Pluto was renamed as a _____ in 2006, meaning it is a small body that does not meet the same criteria of a planet.
5. A group of stars that form a pattern in the sky is called a _____.
6. The collection of stars, planets, gas, and dust bound together by gravity is known as a _____.
7. A massive cloud of gas and dust in space, often where stars are born, is called a _____.
8. Our solar system is part of the _____, a spiral-shaped collection of stars that includes our Sun and countless other planets.

eclipse

gravity

orbits

dwarf planet

nebula

Milky Way

Galaxy

constellation



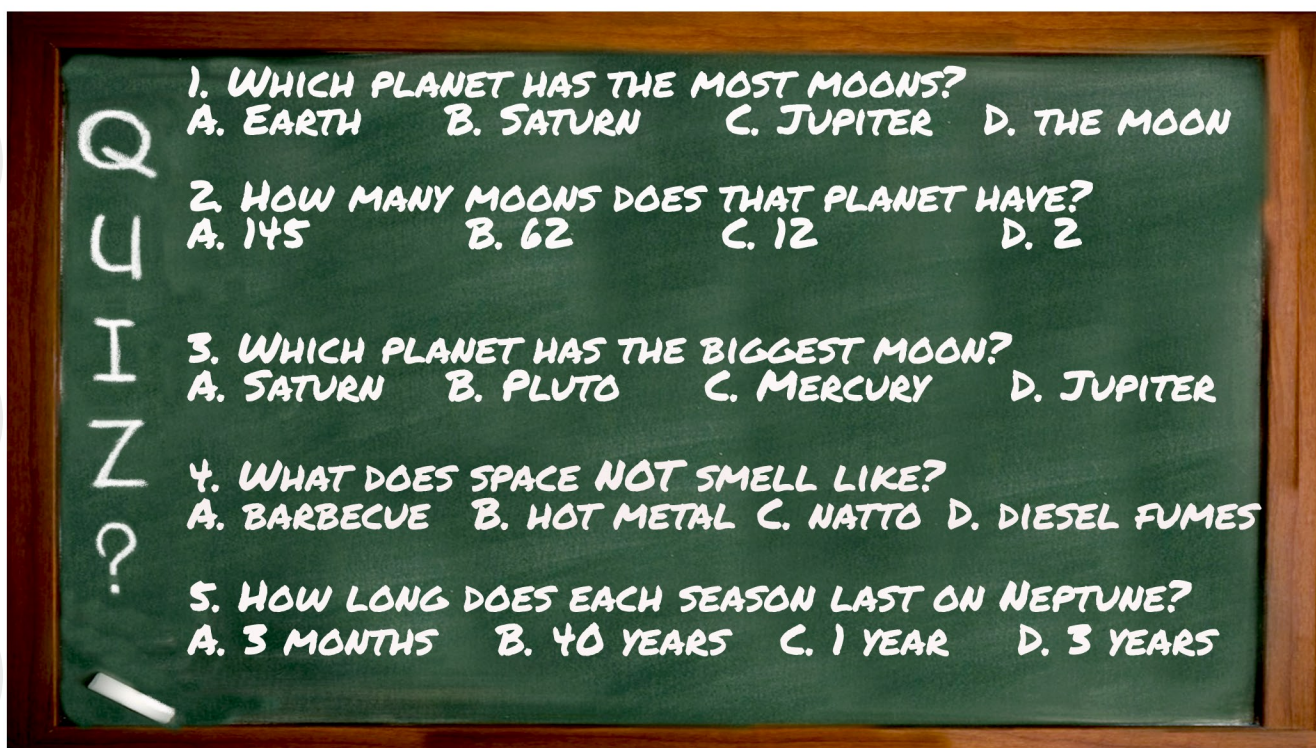
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