

Exhibit Hunt Advanced

The exhibits here at the Cernan Earth and Space Center feature space exploration and Earth science. Go to each exhibit to find answers to these questions.

1. Which astronaut wore the spacesuit on display? Eugene Cernan
2. Was this spacesuit worn on the surface of the Moon? No
 - a. Which mission was it? Apollo 10
 - b. What did the mission do? went to the Moon but did not land, was a dress rehearsal/trial run for Apollo 11 (first Moon landing)
3. How many spacesuit gloves are on display? three
4. What is the difference between the two types of spacesuit gloves? one was for use in the Command and Lunar Modules, the other was only worn on the Moon
5. Name one of the devices on display that assisted astronauts with navigation and describe what it does. gyroscope: always stays upright even when spacecraft turns or rolls so helps determine position. OR attitude indicator: shows which way spacecraft is pointed
6. Where did Apollo 17 land on the Moon? Near Mare Serenitatis (Sea of Serenity) or Mare Tranquillitatis (Sea of Tranquility)
7. Name the two countries, other than the United States, who are represented on the Moon globe that have landed on the lunar surface?
Russia/USSR and China

8. The Earth and Space Center is named for which astronaut? Eugene Cernan

9. Find the model of the Space Shuttle.

a. What date was the first Space Shuttle launched? April 12, 1981

b. What was the name of the last Space Shuttle to fly? Discovery

c. What two space stations did the Space Shuttle visit? Mir and International Space Station

10. Find the model of the International Space Station.

a. Why do astronauts on the International Space Station (ISS) have to exercise so much?
to reduce the physical side-effects of being in microgravity

b. Name the five countries/agencies that operate the ISS. USA, Russia, Japan, Canada, and the European Space Agency (ESA)

11. What is the oldest fossil on display? Asaphus expansus or trilobite

12. What is the youngest fossil on display? bird bone

13. Describe two features of the Tully Monster. soft bodied, eyes on stalks, ventral fins, 16 teeth like elements are all correct

answers

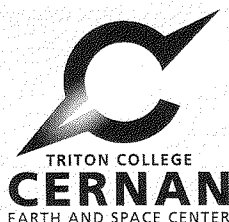
14. Name three telescopes which observe forms of "light" humans cannot see?

Chandra x-ray observatory, Spitzer Space Telescope, James Webb Space Telescope, radio telescopes, YMM Newton all possible answers

15. What is one difference between a reflecting and a refracting telescope? _____

refracting telescope uses a lens to focus light and a reflecting telescope uses mirrors

Bring your completed exhibit hunt to the cashier in the Star Store to claim a very small prize.



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