

Cosmic Sculpture: Art in Space

Sculpture · Answer Key · 20 Questions

1. Which sculpture, located at the Kennedy Space Center, is dedicated to the crew of the Apollo 1 mission and is officially known as the 'Space Mirror Memorial'?

- A) The Galactic Gateway
- B) The Astronauts Memorial**
- C) The Lunar Ascent
- D) The Stellar Beacon

2. Which famous artist created the 'Fallen Astronaut', a small aluminum figurine left on the Moon by the Apollo 15 crew to commemorate astronauts who died in the pursuit of space exploration?

- A) Paul Van Hoeydonck**
- B) Salvador Dalí
- C) Henry Moore
- D) Alberto Giacometti

3. The 'Sun Sculpture' in various public parks often utilizes which specific phenomenon to track the Earth's orbit around the Sun throughout the year?

- A) Gravity wells
- B) Analemma**
- C) Solar flares
- D) Equinox alignment

4. The 'Pioneer Plaque', carried by the Pioneer 10 and 11 spacecraft, is a gold-anodized aluminum sculpture depicting which two human figures?

- A) A child and an elder
- B) A man and a woman**
- C) Two explorers in suits
- D) A scientist and an engineer

5. What is the primary material used in the construction of the 'Cosmos' sculpture at the Griffith Observatory in Los Angeles?

- A) Bronze
- B) Stainless steel**
- C) Fiberglass
- D) Recycled satellite parts

6. The 'Sputnik' monument in Moscow, commemorating the first artificial satellite, is primarily constructed from which metal?

- A) Titanium**
- B) Aluminum
- C) Gold
- D) Copper

7. Which Australian sculpture garden is famous for its 'Solar System Walk', where the planets are scaled models placed at relative distances?

- A) Canberra's Tidbinbilla**
- B) Sydney Botanic Gardens
- C) Melbourne Sculpture Park
- D) Brisbane Planetarium Grounds

8. The 'Space Age' sculptures found in the lobby of the United Nations headquarters in New York are meant to represent what?

- A) The future of planetary colonisation
- B) The peaceful use of outer space**
- C) The history of lunar landings
- D) The discovery of exoplanets

9. The sculpture 'Voyager' by modern artists often features a depiction of what specific orbital path?

- A) The path of the Voyager probes out of the solar system**
- B) The elliptical orbit of Mars
- C) The retrograde motion of Venus
- D) The trajectory of a comet

10. Which iconic sculpture in the 'Space Park' of the Smithsonian National Air and Space Museum represents the scale of the Milky Way galaxy?

- A) The Galaxy Spiral
- B) The Cosmic Wave
- C) The Celestial Sphere**
- D) The Infinity Arch

11. What type of geological sculpture is the 'Mars Rover' model often seen in museum exhibits, designed to mimic the physical dimensions of the Curiosity rover?

- A) A kinetic sculpture
- B) A static replica**
- C) A cast-iron bust
- D) A 3D-printed miniature

12. In the 'Solar System' sculpture series by various artists, Pluto is typically excluded or represented as what type of object?

- A) A gas giant
- B) A dwarf planet**
- C) A passing asteroid
- D) A moon of Neptune

13. The 'Stargazer' sculpture by Henry Moore is frequently associated with space-themed galleries because its form mimics what?

- A) The structure of a nebula
- B) The curvature of spacetime**
- C) The orbit of a satellite
- D) The shape of a planetary ring

14. Which city features the 'Space Needle', a tower sculpture designed to represent the 'Space Age' and the 1962 World's Fair theme of space exploration?

- A) Seattle**
- B) Houston
- C) Cape Canaveral
- D) Moscow

15. What is the 'Golden Record' attached to the Voyager spacecraft, which can be viewed as a symbolic disc sculpture, designed to last for how many years?

- A) 100 years
- B) 1,000 years
- C) 1 billion years**
- D) 1 million years

16. The 'International Space Station' model sculptures displayed in educational centers are built to what scale relative to the actual station?

- A) 1:1
- B) 1:10
- C) 1:100**
- D) 1:1000

17. The 'Sun Dial' sculpture located at the European Southern Observatory (ESO) in Chile is designed to align precisely with what event?

- A) The Southern Cross rotation
- B) The meridian transit of the Sun**
- C) The appearance of the Milky Way
- D) The moon's phases

18. Which metal is most commonly used for space-themed exterior sculptures due to its resistance to oxidation and 'space-age' aesthetic?

A) Stainless steel

B) Cast iron

C) Lead

D) Bronze

19. The 'Meteorite' sculptures found in many natural history museums are often displayed as what?

A) Man-made art

B) Natural sculpture

C) Synthetic replicas

D) Restored artifacts

20. The 'Centaurus' sculpture series often depicts which celestial feature related to the constellation of the same name?

A) A spiral galaxy

B) A binary star system

C) A planetary nebula

D) A supermassive black hole