

Amazing Architecture Facts for Young Builders

Architecture · Answer Key · 12 Questions

1. What is the name of the ancient Roman building that was originally a temple to all gods and is now a church, famous for its massive, unreinforced concrete dome with an oculus?

- A) The Colosseum
- B) The Pantheon**
- C) The Parthenon
- D) Hagia Sophia

2. Which famous architect designed the Sydney Opera House, known for its sail-like roof structures?

- A) Frank Lloyd Wright
- B) Le Corbusier
- C) Jørn Utzon**
- D) Zaha Hadid

3. What type of architectural style is characterized by pointed arches, ribbed vaults, and flying buttresses, often seen in medieval cathedrals like Notre Dame?

- A) Romanesque
- B) Gothic**
- C) Baroque
- D) Renaissance

4. The Great Wall of China is an example of what kind of architectural purpose?

- A) Religious worship
- B) Defensive fortification**
- C) Public entertainment
- D) Residential housing

5. Which famous modern architect is known for his 'Fallingwater' house, built over a waterfall, and his philosophy of organic architecture?

- A) Antoni Gaudí
- B) Mies van der Rohe
- C) Walter Gropius
- D) Frank Lloyd Wright**

6. What is the primary structural element that supports the weight of a building and transfers it to the foundation?

- A) Facade
- B) Roof
- C) Column**
- D) Window

7. The pyramids of Giza in Egypt were primarily built as:

- A) Temples for daily worship
- B) Palaces for living pharaohs
- C) Tombs for pharaohs**
- D) Observatories for stars

8. Which city is famous for its unique 'flat-iron' shaped building, the Flatiron Building, completed in 1902?

- A) London
- B) Paris
- C) New York City**
- D) Rome

9. What is the term for the exterior face of a building, often decorated or designed to be visually appealing?

- A) Foundation
- B) Roofline
- C) Facade**
- D) Truss

10. The Taj Mahal in India, a UNESCO World Heritage site, was built as a:

- A) Fortress
- B) Palace
- C) Mausoleum**
- D) Library

11. Which architectural style is known for its grand scale, opulent decoration, and dramatic use of light and shadow, popularized in the 17th and 18th centuries?

- A) Gothic
- B) Art Nouveau
- C) Baroque**
- D) Modernism

12. What is the name for a large, curved roof structure supported by a framework, often found in stadiums or public halls?

A) Arch

B) Dome

C) Vault

D) Truss