

In The Name of God

Ancient and Modern Architecture

Welcome!

Made by teacher Sasan Ghasemi



Ancient Architecture




Learn about famous old buildings and how people built them without machines.



Look at the pictures. What do you see?

Do you know any very old or very new buildings in the world?

What materials do people use to build houses today?



Which building do you
prefer?

Ancient building or
Modern building?

Is the Eifel tower old or new?





Are the Pyramids old or new?



Key Vocabulary

- ✓ **Architecture:** The art and science of designing and building structures.
- ✓ **Ancient:** Very, very old; from a long time ago.
- ✓ **Structure:** A building or something that has been built.
- ✓ **Tomb:** A place where a dead person is buried.
- ✓ **Temple:** A building used for religious worship.



Key Vocabulary

- ✓ **Arena:** A place where people watch sports or shows.
- ✓ **Column:** A tall, strong, round support in a building.
- ✓ **Carving:** Designs or pictures cut into stone or wood.
- ✓ **Defense:** Protection from danger or attack.
- ✓ **Without machines:** Using only human power and simple tools.

Egypt - Pyramids of Giza



(tombs for pharaohs)





Mesopotamia – Ziggurats
(temples shaped like steps)





Greece – Parthenon
(Temple with tall columns)



Rome – Colosseum

(arena for shows and games)



Persia (Iran) – Persepolis

(royal city with grand columns and carvings)



China – Great Wall

(defense structure) 



Maya/Inka/Aztec – Pyramids and palaces in Latin America



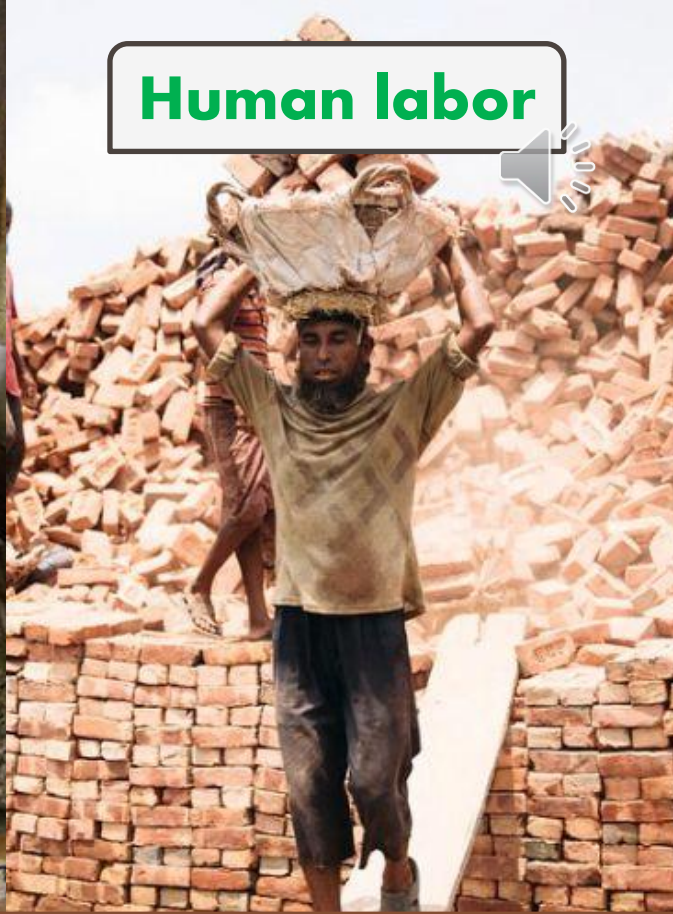
*How they were built without
machines?*



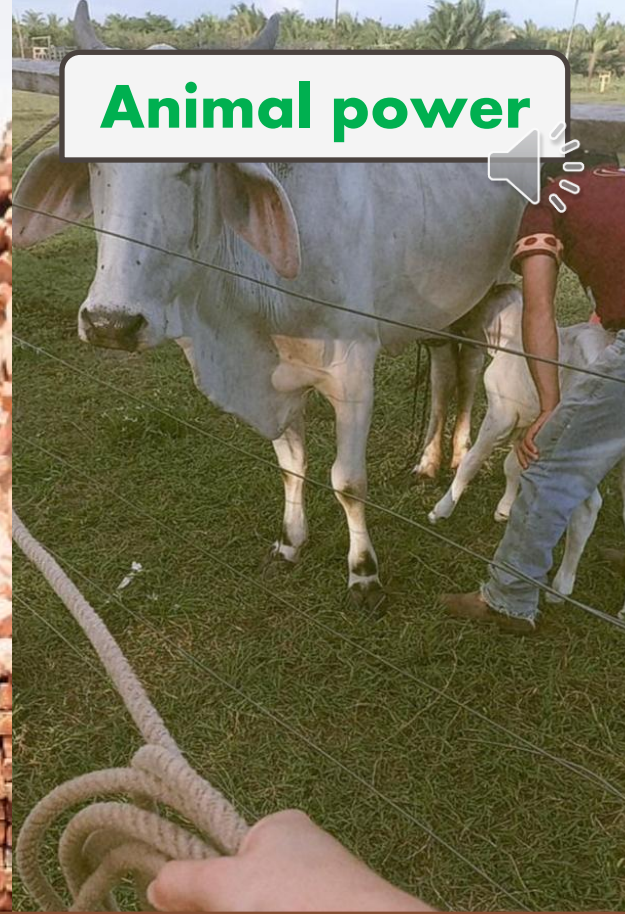
Hand tools



Human labor



Animal power



People used **hand tools**, **animal power**, and **human labor**.

*What were
the
materials?*



They were local, like:

stone



mud brick



Mud brick: A brick made from a mix of mud and water, often dried in the sun.



wood



clay



Clay: Soft, wet soil used to make bricks



The background of the slide is a photograph of the Great Sphinx and the Great Court of the Great Pyramids of Giza. Two large, standing statues of pharaohs, likely Khafre, are visible on either side of the central text box. They are wearing the traditional Egyptian headdress (nemes) and a kilt. The statues are carved from light-colored limestone. Behind them are the massive stone walls of the Great Court, which are covered in hieroglyphs. The sky is clear and blue.

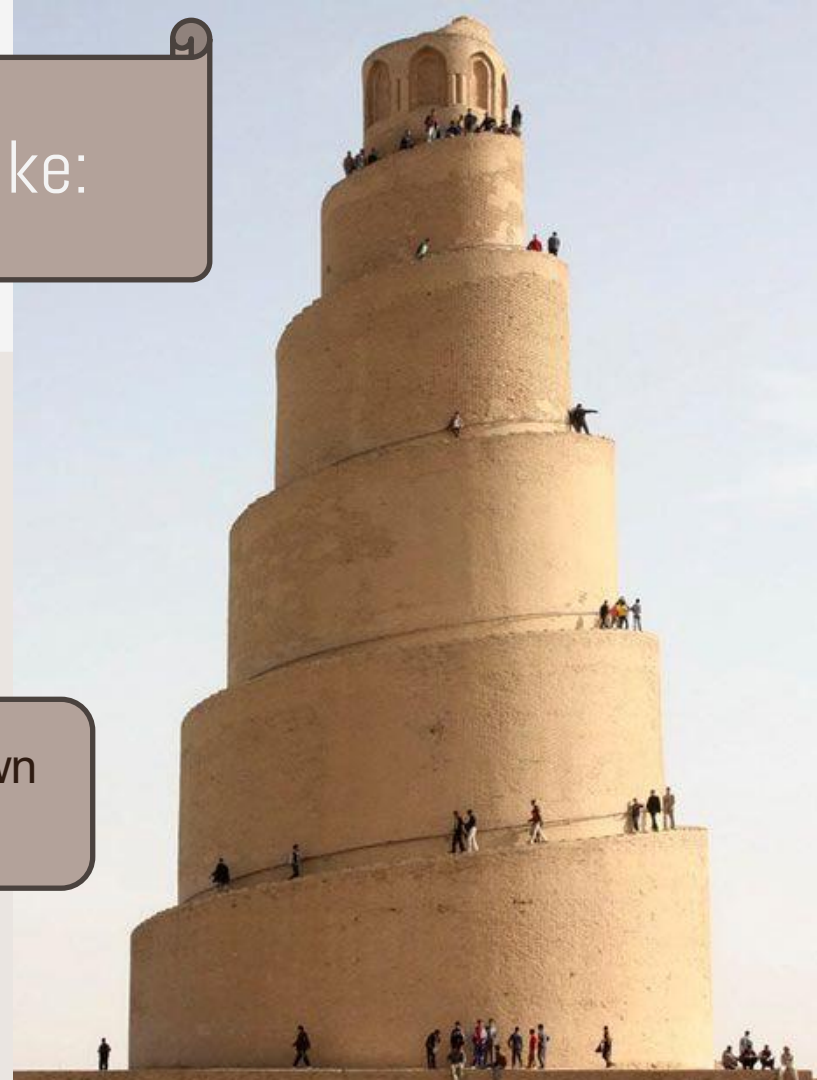
What were
their
solutions?

They invented clever solutions, like:

ramps



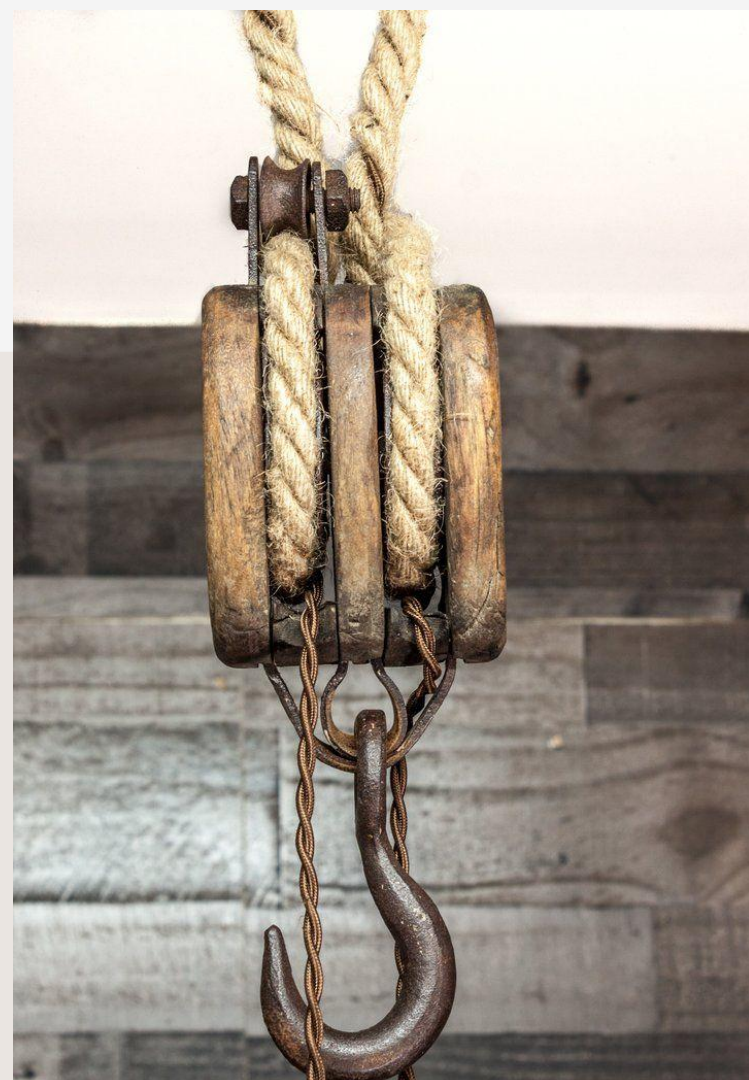
Ramps: Sloped paths that help people go up or down easily.



pulleys



Pulleys: Wheels with ropes used to lift or move heavy things.



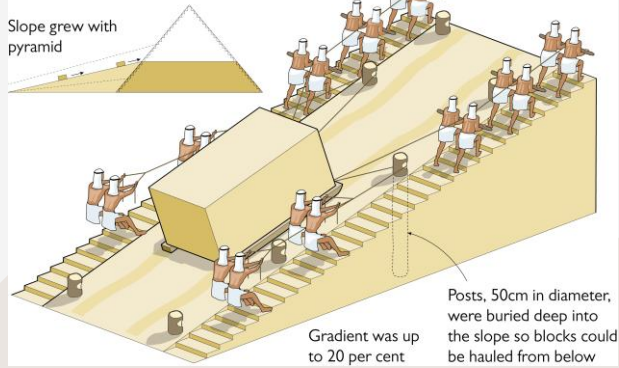
scaffolding



Scaffolding: A temporary structure workers stand on to build or fix buildings.



Step-by-step guide



scaffolding



ramps



pulleys

Write about a construction technique used in ancient buildings.

Can you guess which ancient building it was used in?



A photograph of three people—two women and one man—dressed in white button-down shirts, gathered around a wooden table. They are looking down at a set of blueprints. The woman on the right is wearing a white hard hat. A yellow spirit level and a yellow measuring tape are on the table. The background is a bright, modern office space with large windows.

Thank you everyone!

"Success comes from working hard
every day, not just sometimes."