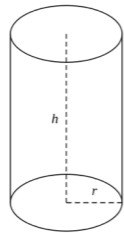




Ancient Egyptian Architecture

Geometric Shapes

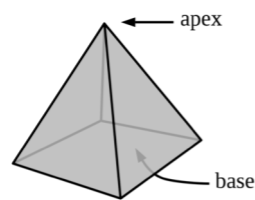
- Cylinder



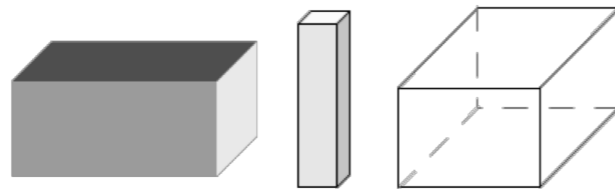
- Obelisk



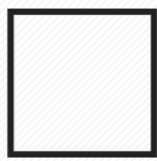
- Pyramid



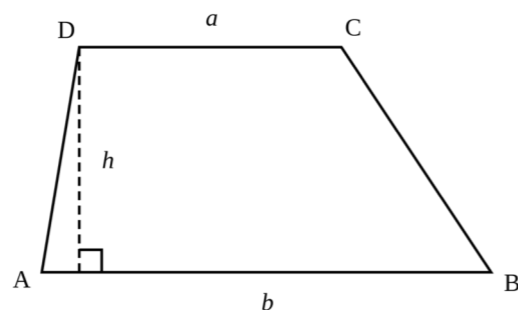
- Rectangle



- Square



- Trapezoid



Assignment

- 1. You will work in groups of 3 – 4 students (your choice).**
- 2. Each group will select an architectural site or artifact according to the list on the next slide.**
- 3. Using the hyperlinks on slide #5 and your textbook, you will research your chosen site/artifact.**
- 4. You will be given a worksheet to guide your research/note-taking process.**
- 5. Materials to be used in constructing your replica site/artifact is up to you.**
- 6. You and your group will present your site/artifact to the class.**
- 7. Final submission of model will include a written explanation about your model.**
- 8. All structures will be displayed in the classroom and 6th grade hallway.**

Architectural Sites and Artifacts

Architectural Sites:

1. Pyramids at Giza
2. Sphinx
3. Abu Simbel
4. Temple of Deir El Bahari
5. The White Chapel
6. Temple at Karnak
7. King Tut's Tomb
8. Luxor Temple
9. Step Pyramid of Djoser
10. Temple of Dendur
11. Obelisk
12. Egyptian Home

Artifacts:

1. Egyptian Baths
2. Shaduf
3. Egyptian Boat

Internet Research Sites

- [10 Ancient Egyptian Monuments](#)
- [Color Me Egypt](#)
- [Ancient Egypt Antiquities](#)
- [Ancient Egypt Online](#)
- [Monuments in Egypt](#)
- [Canadian Museum of History](#)

Great Pyramid of Giza

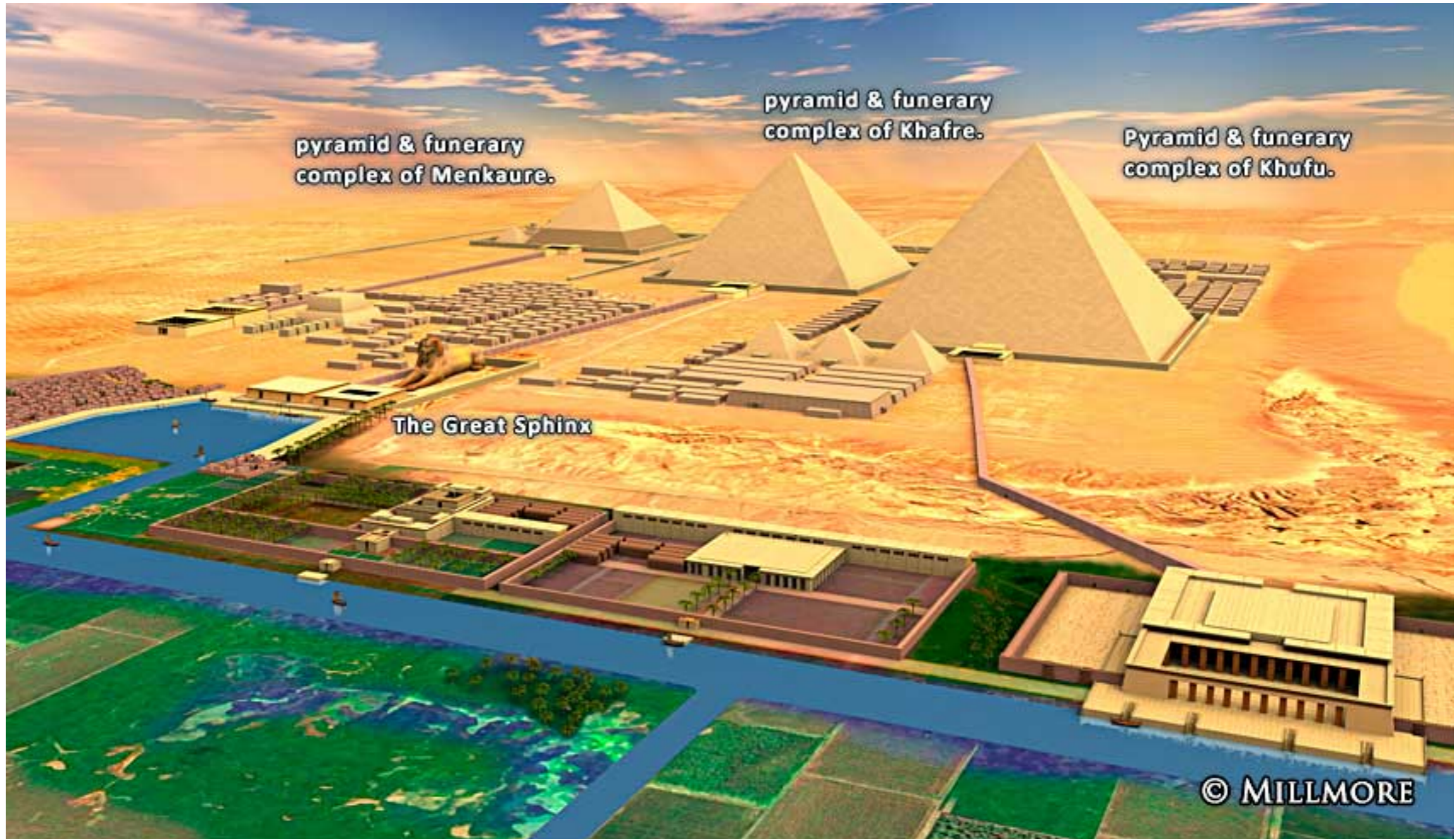
A *pyramid* is a large structure with four sides that usually slope upward and meet at a point. The base of a *pyramid* is a square, and the sides are usually triangles.



Pyramids of Giza



Pyramids of Giza



Pyramid of Giza and the Sphinx



The Sphinx



Trapezoids and Cylinders



Cylinder

A *cylinder* is a three-dimensional shape in geometry. A *cylinder* is round and has a top and bottom in the shape of a circle. The top and the bottom are flat and always the same size.



Cylinder



Obelisk

An *obelisk* is a tall, four-sided, narrow tapering monument which ends in a pyramid-like shape at the top. They are usually found in pairs at the entrances of ancient Egyptian temples. The Egyptian *obelisk* was carved from a single piece of stone, usually red granite from the quarries at Aswān.



Obelisk



Step Pyramid of Djoser



Ancient Bent Pyramid



Ancient Karnak Temple Area



Ancient Karnak Temple

A *trapezoid* is a 4-sided flat shape with straight sides that has only one pair of parallel sides.



Ancient Karnak Temple



Luxor Temple

(Also known as Thebes or the “City of a Hundred Gates,”
Luxor was the capital of Egypt in ancient times.)



Abu Simbel Temple

(Great Temple of Ramses - Abu Simbel is a village in Nubia, Upper Egypt, near the border with Sudan.)



Temple of Deir al-Bahri

(Valley of the Kings - Queen Hatshepsut's Temple)



Temple of Dendur



The White Chapel

Senruset



King Tut's Tomb



King Tut's Tomb



King Tut's Tomb



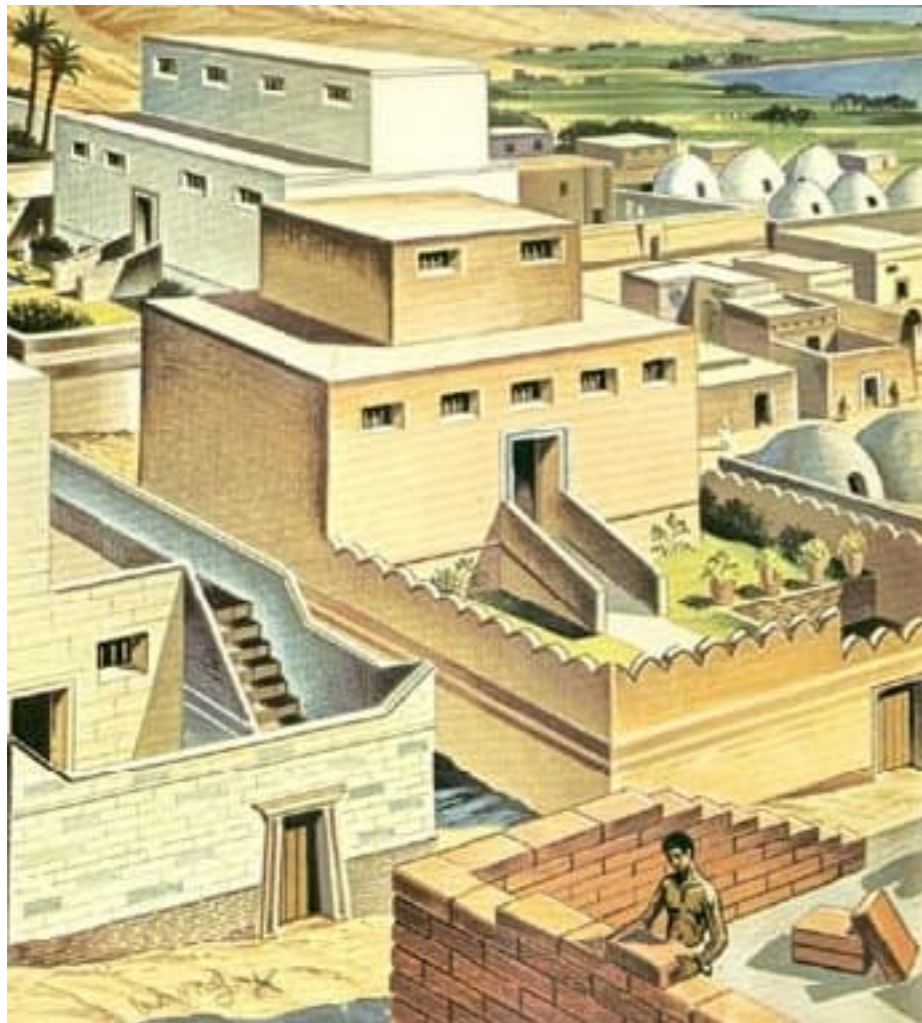
Ancient Egyptian Homes



Ancient Egyptian Homes



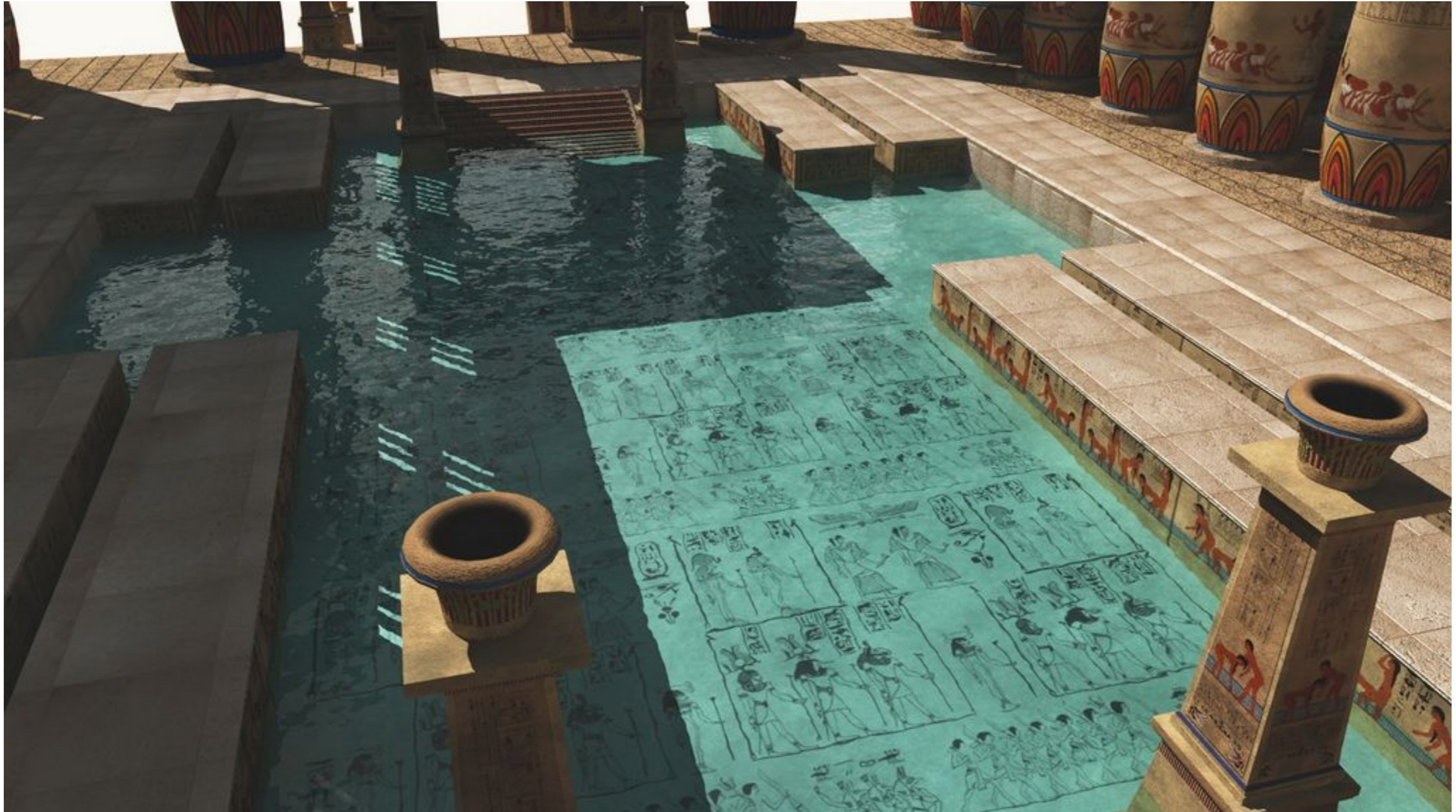
Ancient Egyptian Homes



Ancient Egyptian Public Baths



Ancient Egyptian Public Baths



Ancient Egyptian Shaduf



Sahduf

Making an Egyptian Sahduf

The shaduf was invented in the middle east and brought into Egypt about 3,500 years ago. Bucket on one end and an heavy weight on the other. First the weight is pushed up lowering the bucket into the river. As the weight is lowered the bucket is filled up with water in it

You will need

Three cardboard boxes
Glue
brush
tape
twigs
hardening clay
String
piece of cloth



1 Tape the edges of the boxes with masking tape. paint the river section blue.

Place the boxes as shown in the picture

2 Make a weight from the modelling clay about the size of a golf ball.

Insert one side of the twig and press the clay around the twig.



3 Carve a water bucket out of the modelling clay.

Tie strings from four sides which is then attached together onto a longer string.

4 Tie the water bucket to the other end

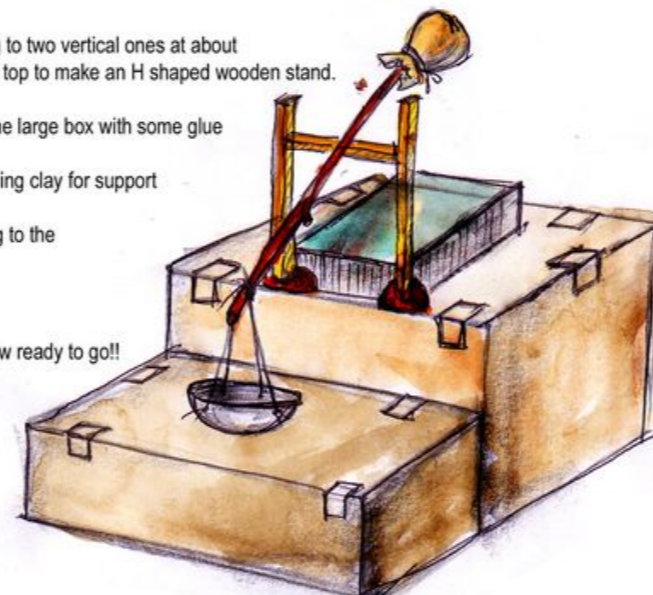
5 Stick one horizontal twig to two vertical ones at about a quarter height from the top to make an H shaped wooden stand.

Attach the stand on to the large box with some glue

Then add a bit of modelling clay for support

6 Tie the centre of the twig to the centre of the stand.

The shaduf is now ready to go!!



Ancient Egyptian Boat



Ancient Egyptian Boat

