

Khufu's Pyramid

Sophia



History of the Great Pyramids of Giza

The Pharaoh's Pyramid

- The Great Pyramids of Giza were constructed by the Pharaoh- the ruler of Egypt- Khufu
- The king's pyramid started around 2550 B.C.
 - his pyramid is the largest of the three
- The structure is estimated to be built with 2.3 million stone blocks each weigh an average of 2.5 to 15 tons
- Khufu's pyramid took about 20 years to build
- Built out of 2.3 individual blocks of stone





History of the Great Pyramids of Giza

The King's Sons Add-Ons

- The pharaoh's son- Khafre- built the second pyramid
 - Built throughout the time period of 2520 B.C.
- He also built the Sphinx
 - A sphinx is made up of a the body of a lion and a pharaoh's head





History of the Great Pyramids of Giza

The Pharaoh Menkaure Completes the Three

- This pyramid is smaller than the other two
- It was built around the time of 2490 B.C.





Problems Encountered When Building the Pyramids

- 2.3 million individual blocks of stone, meaning one block would have to be laid every five minutes of every hour, 24 hours a day, for the entire 20 years
 - The problem is that each block weighs 2 tons and moving all these blocks a day for twenty years would weigh 1,764,000 pounds
- The blocks are mostly made of limestone and are transported over the Nile river from miles away





What the Pyramids Look Like Now

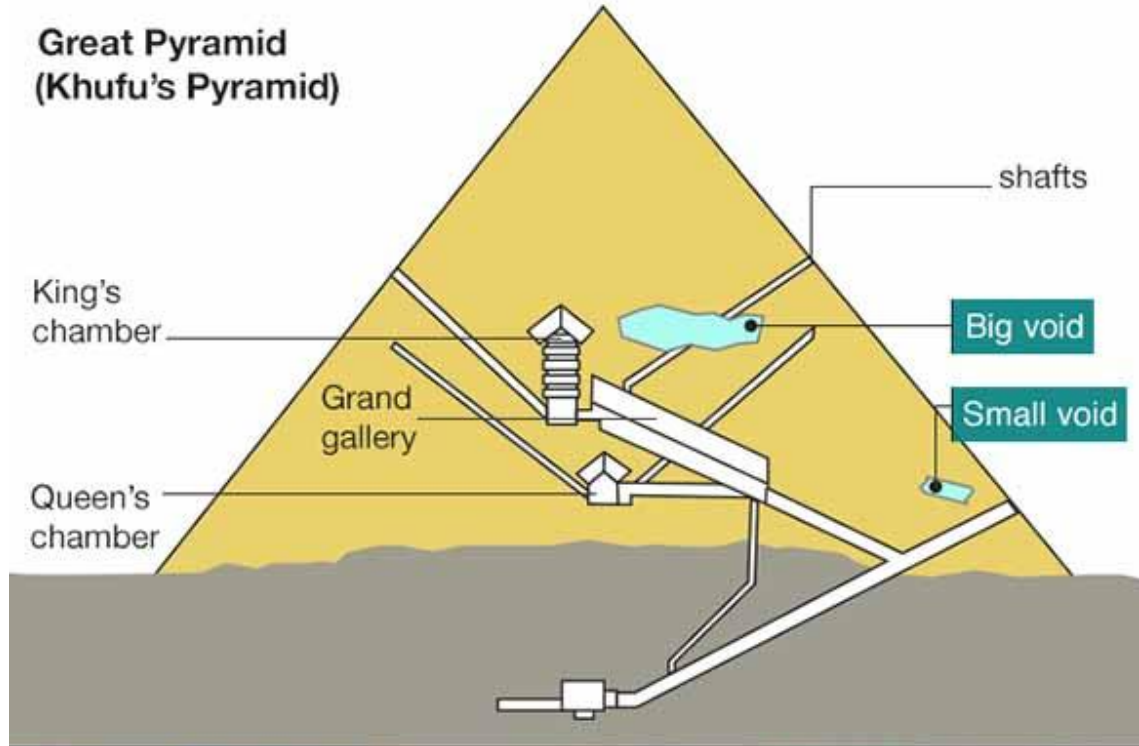
In the video, be expecting this surprising blast from the past, where you explore the outer layers of the pyramids!

Click on link below to see what they look like.

<https://www.youtube.com/watch?v=TWaReNkjTLk>

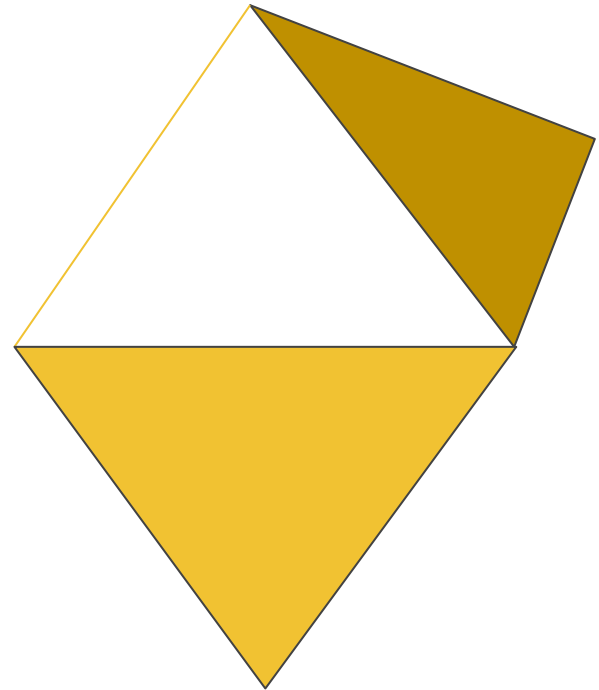
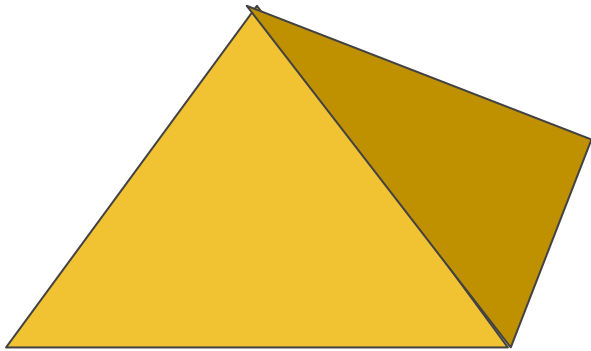
What do you think? They're in pretty good condition.

The Inside of the Pyramid





The Original Model: Drawing





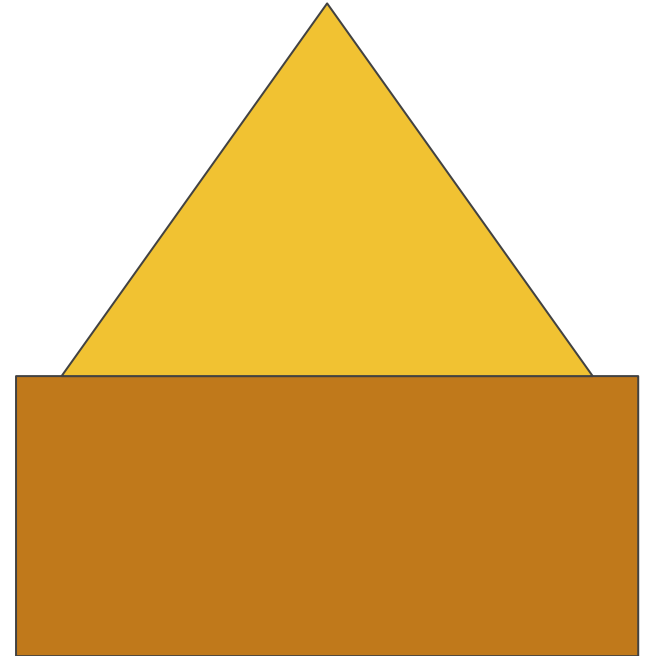
Complications in Building the Project

Because the inside of the pyramid goes deep into the ground, I will have to figure out a way to show it going into the ground.



Redesign of Model and What It's Showing

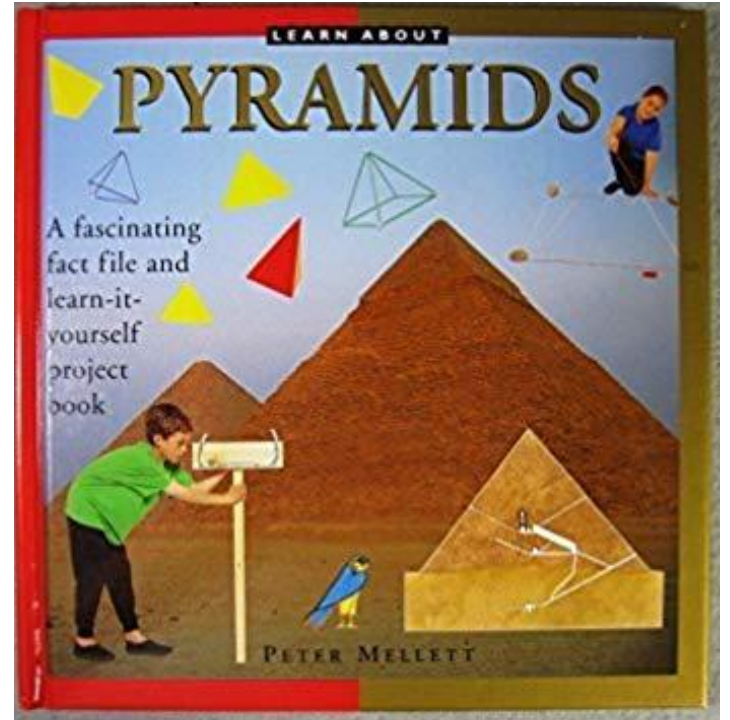
The box under the pyramid will show the structures underground so that the pyramid will now be able to show what is inside and be able to show the outside, too.



Extra, Extra! Read All About It!

PYRAMIDS- BY PETER MELLETT

In the book, *PYRAMIDS* by Peter Mellett, it talks about pyramids found around the world. Since it does that, I only read the Egypt section since my project is about the Pyramids of Giza found in Egypt. The pharaoh is considered a god found on Earth and when the pharaoh died, “The king’s pyramid was believed to be the place where his spirit left Earth and started its journey to the heavens.” as stated in the book, section Ancient Egypt.





Extra, Extra! Read All About It! Pyramid of Khufu By Khan Academy

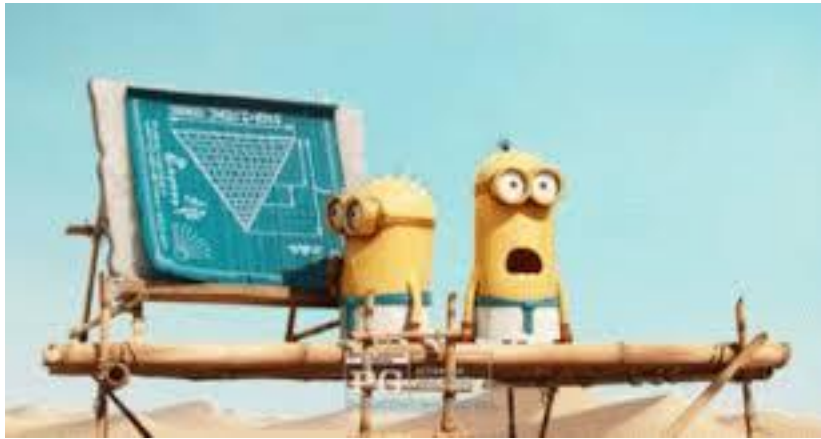
In this article, you will read about many interesting things on the pharaoh who started it all's pyramid. It gives the weight of each block placed in the pyramid, lengths and widths, and the average amount of workers it took to build the pyramid.

<https://www.khanacademy.org/humanities/ap-art-history/ancient-mediterranean-ap/ancient-egypt-ap/a/old-kingdom-pyramid-of-khufu>



Resources

- <https://www.khanacademy.org/humanities/ap-art-history/ancient-mediterranean-ap/ancient-egypt-ap/a/old-kingdom-pyramid-of-khufu>
- <http://www.crystalinks.com/greatpyramid.html>
- <https://thenewstack.io/ultimate-logistics-problem-building-great-pyramid/>
- PYRAMIDS- BY PETER MELLETT



Thanks For
Watching!!!