How were the Egyptian pyramids built?

The Egyptian pyramids are large structures built in Egypt. They are mainly made of carved limestone bricks. The pyramids were used to bury kings, pharaohs, and other important people.

Firstly, large limestone bricks were carved, weighing around 12-15 tonnes. Most of the rocks and materials such as granite and basalt were excavated from large quarries.

To elevate the limestone bricks as the construction continued, the Egyptians used ramps. The ramps were made of mud bricks and coated with bits of plaster to harden the surface. As the pyramid got higher, the ramps needed to be built up. People today still don’t know what types of ramps the Egyptians used but many designs are possible.

Next, the ramps were lubricated with oil so the limestone bricks can be pulled up easily. Teams of around 50-100 men pulled the bricks up using ropes up the ramps with logs laid underneath, acting like wheels. Most of these men were slaves or worked for the king.

The pyramids are amazing structures that attract many tourist around the world. They used up approximately 2.3 million blocks of stone and around 20000 to 30000 labourers were needed to build each pyramid.
Pyramid of Cheops
Cross Section

Height 480 feet
Base 755 feet
Slope 51° degrees 56” inches

Original Pyramid Entrance

"The Grand Hall"

The Kings Chamber

Antechamber

Queen’s Chamber

"The Pit"

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