

THE LEANING TOWER OF PISA

BY: BILLY

ABOUT THE TOWER OF PISA

- THE TOWER WAS BUILT IN 1173
- IT TOOK 344 YEARS TO BUILD FROM 1173
- THE TOWER LASTED 200 YEARS WITHOUT A NATURAL DISASTER.
- PISA GOT ITS NAME IN 600 BC FROM A GREEK WORD MEANING "MARSHY LAND."
- GALILEO WAS BAPTIZED IN THE BAPTISTERY IN 1565.
- THE CATHEDRAL AND BAPTISTERY ARE ALSO SINKING.
- THE FOUNDATION OF THE CEMETERY, CAMPO SANTO, IS MADE UP OF 53 SHIPLOADS OF EARTH THAT WERE BROUGHT BACK FROM THE HILL OF CALVARY IN JERUSALEM.



WHY THE TOWER IS LEANING

IN 1173 IT WAS BUILT. 10 YEARS INTO CONSTRUCTION IT HAD LEANED 5.5 DEGREES. IN THE 1900'S THEY HAD MADE THE TOWER MORE STABLE. IN 1172, DONNA BERTA DI BERNARDO DONATED 60 SILVER COINS TO THE LOCAL CATHEDRAL FOR THE PURCHASE OF STONES TO BE USED IN THE BASE OF A NEW BELL TOWER. BY THE TIME THE BUILDERS FINISHED THE SECOND FLOOR IN 1178, THE TOWER WAS BEGINNING TO LEAN.



A SOLUTION FOR LEANING

THE TOWER OF PISA WAS ALREADY STABILIZED IN 1990. THE TEAM CAME UP WITH A SOLUTION THAT WOULD REDUCE THE TOWER'S INCLINATION BY ABOUT HALF DEGREE. THIS WOULD REDUCE STRESS ON THE BUILDING'S MASONRY AND STABILIZE ITS FOUNDATIONS. THE TOWER STRAIGHTENED ITSELF BY 38CM AFTER THE WORK WAS COMPLETED.



Read this article.

The Leaning Tower Straightens Up by Covinton, Richard

The Smithsonian Magazine, June 2001, Volume 33, Issue 3

Leaning Tower of Pisa - Fun Fact Series EP19

[Leaning Tower of Pisa - Fun Fact Series EP19 | Mocomi Kids](#)

[- YouTube:](#)

This video talks about how and why it started to lean and the towers history. It has no words, but just graphics about the tower.

Want more information, check out the Mentalfloss website:

<http://mentalfloss.com/article/28544/why-does-leaning-tower-pisa-lean>:

This website talks about the history of the tower and fun facts. I like this website because it talks about every little detail about the famous tower.

BIBLIOGRAPHY

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2. [HTTP://MENTALFLOSS.COM/ARTICLE/70395/13-STRAIGHT-FACTS-ABOUT-LEANING-TOWER-PISA](http://mentalfloss.com/article/70395/13-straight-facts-about-leaning-tower-pisa)
3. [HTTPS://LEANINGTOWERPIA.COM/FACTS](https://leaningtowerpisa.com/facts)
4. [HTTPS://WWW.FLORENCE-MUSEUM.COM/LEANING-TOWER-OF-PISA.PHP](https://www.florence-museum.com/leaning-tower-of-pisa.php)
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The End

GRAZIE or

Thank You