

Clock

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The Pendulum Clock.

One of the classic/oldest clock in history is the Pendulum clock. The pendulum clock is a rod hanging vertically from its top end, swinging from right to left, ticking the sound tick every second the rod goes right or left. And when it's done ticking, there's sometimes a little bird making a little noise. So there's something the person can hear, and it reminds them why they turn the clock on.



Problems that the clock faced/fixing it

- Sometimes the clock rod would stop
- It would only work for fifteen minutes
- Sometimes it's because of the angle
- The clocks hands would touch the glass causing the rod to stop.
- But fixing the problem was by changing the angle, or making the rod longer to swing, and turning the disk to the left, so the rod can stop touching the glass.

30 years later

The pendulum clock would be a rare clock, nobody would want a clock that would make loud noises (tick tock) every second. But we have the new electric clock, which makes less noise and it doesn't need a key to swing the rod. It shows the numbers on the clock. It's light and it can be placed on your wall or anywhere you like it. The electric clock needs battery, You can buy battery's or sometimes the company gives them it to you. When you want to set the time, on the back of the electric clock there's a little switch so you can change time. We also have the clock on our wrist for example (apple watch, Fitbit and etc..).The clock shows the numbers, so you don't have to calculate what time it is.



How did he do it?

Christiaan Huygens was inspired by one of his friends work (Galileo Galilei), the clock wasn't popular before it was only use for marine chronometer, which means it measure the longitude. But the pendulum clock didn't work because the ship was moving too much and the pendulum clock wouldn't work properly. In 1930 the newer version of the pendulum clock was invented. The material for the clock were crystal, wood, metal and glass.

Christaan Huygens

Christaan Huygens was a wealthy. He was a mathematician, astronomer, physicist, and the guy who made the clock. His father Constantijn Huygens was a poet. Christaan's father educated him until the age of sixteen. He came from a middle-class family. Later in 1656 Christann discovered the clock, a way to track time. Christaan lived in Paris for 15 years.



Bibliography

Edward, S. (2017, September 22). History of the Pendulum Clock. Retrieved November 2, 2019, from <https://www.theclockdepot.com/clocks-blog/history-of-the-pendulum-clock/>

Helmenstine, A. M. (2018, April 25). Get to Know Christiaan Huygens, Scientist and Inventor. Retrieved from <https://www.thoughtco.com/christiaan-huygens-biography-4163997>

Herivel, J. (2019, July 8). Christiaan Huygens. Retrieved October 29, 2019, from <https://www.britannica.com/biography/Christiaan-Huygens>

Linda, B., Russell, R., Donna, S., Tim, K., Pansy, R., Dave, A., ... Marilyn, J. (2019, October 30). How To Adjust and Regulate The Time Of Your Grandfather Clock. Retrieved from <https://www.theclockdepot.com/clocks-blog/how-to-regulate-the-time-of-your-grandfather-clock/>

Woodford, C. (2018, December 15). How do pendulum clocks work? Retrieved from <https://www.explainthatstuff.com/how-pendulum-clocks-work.html>

Huygens Invents the Pendulum Clock, Increasing Accuracy Sixty Fold1656. (n.d.). Retrieved October 24, 2019, from <http://www.historyofinformation.com/detail.php?entryid=3506>