

10 Fun Facts *about the* History *of the* Microscope



1

The earliest microscopes were known as "**flea glasses**" because they were used to study small insects.

A father-son duo, **Zacharias** and **Han Jansen**, created the first compound microscope in the 1590's

2



3

Anton van Leeuwenhoek created powerful lenses that could see teeming bacteria in a drop of water.

4



Robert Hooke discovered cells by studying the **honeycomb structure of a cork** under a microscope.

5



Marcello Marpighi, known as the father of microscopic anatomy, **found taste buds** and **red blood cells**.

6



Robert Koch used a compound microscope to discover **tubercle** and **cholera bacilli**.

7



German engineer **Carl Zeiss** revolutionized the **quality of lenses** in the 19th century.

8



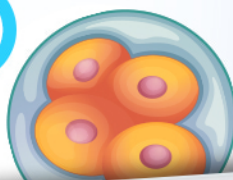
The **smallest object** observed through a light microscope was **500 nanometers long**.

9



In 2008 the **TEAM 0.5** debuted. It is the world's **most powerful transmission electron microscope** and is capable of producing images half a ten-billionth of a meter.

10



Researchers used **microscopes** in 2013 to demonstrate how life could have started.

microscopeworld.com



MicroscopeWorld

Microscope World was founded over 20 years ago and offers a complete line of microscopes and accessories for the educational sector as well as more advanced laboratory microscopes and high quality professional microscope instruments. Visit www.MicroscopeWorld.com to view our extensive resource library with activities and informational materials or to find the right microscope for your needs.

Sources

<http://edu-source.com/three-most-influential-scientific-discoveries-found-under-the-microscope/>
<http://www.nobelprize.org/educational/physics/microscopes/discoveries/>
<http://www.iflscience.com/chemistry/chemists-show-how-life-earth-may-have-started>
<http://www.history-of-the-microscope.org/history-of-the-microscope-who-invented-the-microscope.php>
<http://www.encyclopedia.com/topic/Microscopes.aspx>
<http://rsnr.royalsocietypublishing.org/content/58/2/187.full.pdf>
<http://blogs.cornell.edu/nanooze/atomic-force-microscopy/>
<http://www.imsc.res.in/~rahul/articles/lhc.pdf>
<http://www.lbl.gov/Science-Articles/Archive/MSD-NCM-TEAM05.html>