

# Gupta

## Achievements

### Literature

- \*Writings were written in Sanskrit
- \*Writers created poetry, fables, plays, religious and legal texts
- \*Lawyers wrote legal texts - one of them is Dharmasastras which is a set of basic laws.
- \*The Puranas are written in Sanskrit and describe Hindu legends, mythology, and folklore.



### Medicine

- \*Charaka is regarded as the Father of Medicine.
- \*Sushruta is known as the first surgeon.
- \*Discovered a vaccine for a deadly strain of small pox.
- \*Experimental surgeries led to an understanding of human anatomy.
- \*First doctors to perform plastic surgeries.
- \*Focus on natural medicines such as herbs and oils,



### Math and Science

- \*Aryabhata was one of the greatest Indian Mathematicians.
- \*He determined that "Zero" is a number and not just a symbol.
- \*He influenced the modern decimal system.
- Aryabhata discovered that the earth is spherical and not a flat surface.



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### Metallurgy

- \*The study of properties, purification and production of metals
- \*Created coins made of gold and copper that were used for currency.
- \*Weapons and ornaments around the world were created from the ideas born in India.



### Universities

- \*Students studied religion, mathematics, chemistry, astronomy and sanskrit.
- \*Nalanda was the most famous university. It attracted students from Korea, Japan, Turkey, China, Greece, and Persia.

