

Month : May, 2020

Class : IX

Subject : English

Module : 2/3

Topic : Reader, Unit-4 :

A Truly Beautiful Mind

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School : AECS, Manuguru

Albert Einstein: 1879 - 1955



Recap :

- so here we have a young man
- loves to sport a walrus moustache
- plays the violin
- studied to earn a diploma in teaching mathematics and physics from a university in Zurich
- has a liberal attitude towards life

He liked his classmate, the Serbian, Mileva Marić. He found her to be clever.

They were married from 1903-1919, much against his mother's wishes. His mother thought she was too old for him and was as intelligent as him.



Letters written between Mileva Maric and Einstein
-a mixture of science and tenderness



Bern-1902: technical expert in a patent office

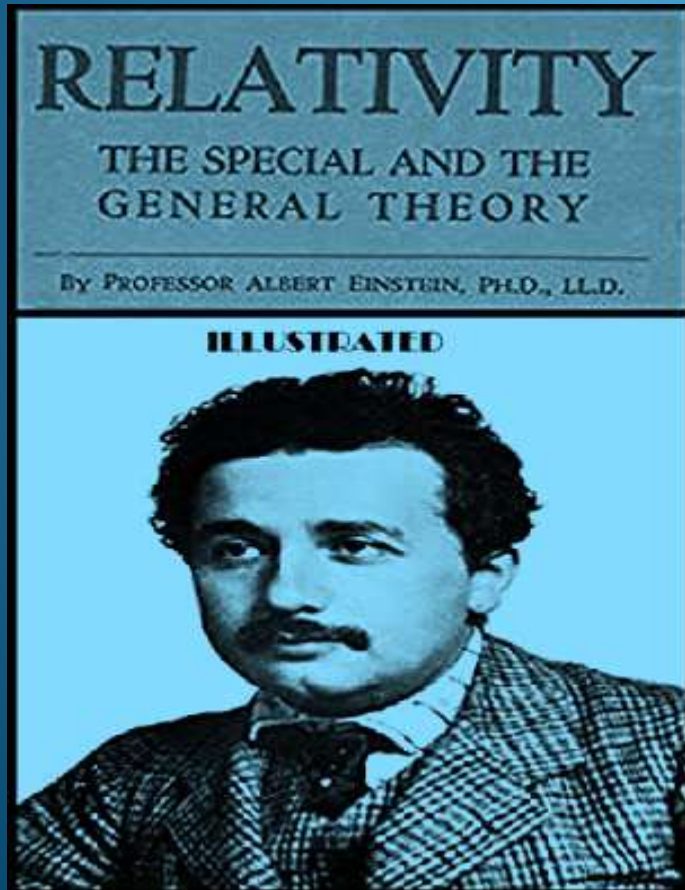




- Along with assessing other people's inventions, Einstein started developing his own theory and ideas in secret, his partner in his research was Mileva Maric.
- He called his desk drawer his 'bureau of theoretical physics'.

In 1905 came his magnum opus (work of genius)

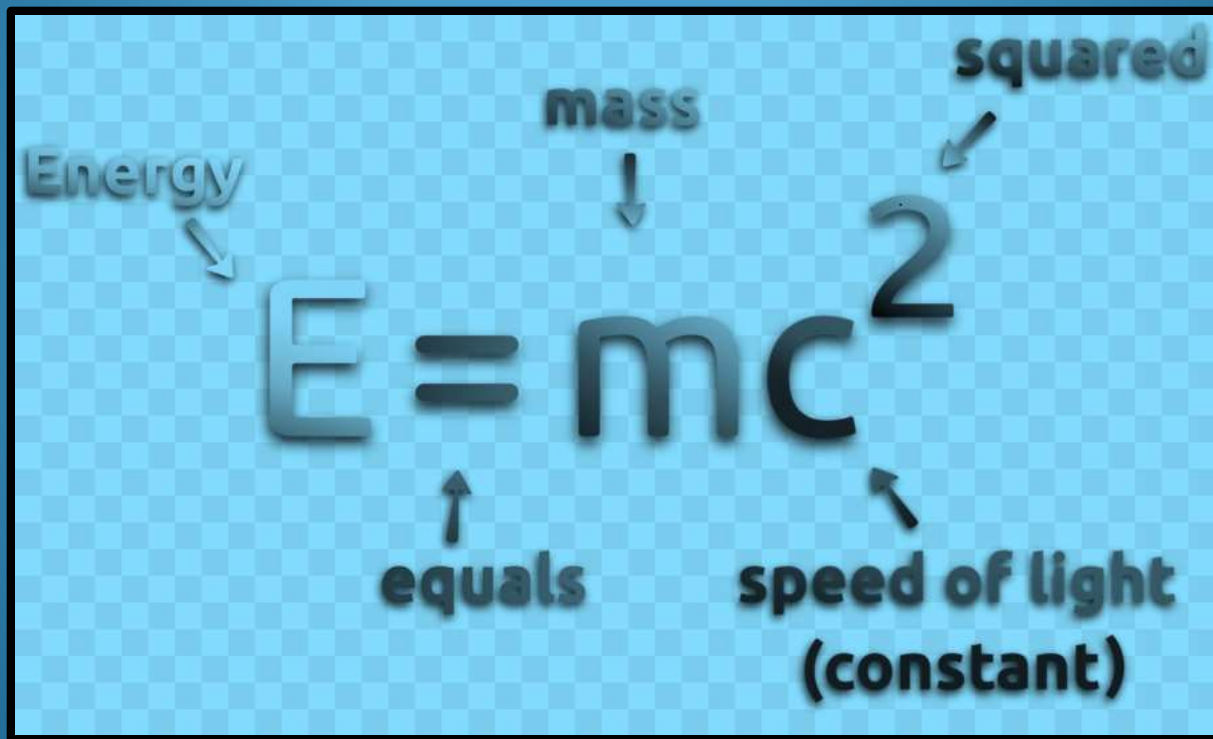
Special Theory of Relativity



A black and white photograph of a rectangular chalkboard with a wooden frame. The equation $E=mc^2$ is written on the board in white chalk. The 'E' is on the left, followed by an equals sign, then 'm', then 'c', and a superscript '2' to the right of the 'c'. In the bottom right corner of the chalkboard, there is a small white arrow pointing to the right.

Special Theory of Relativity

Time & distance are not absolute!



The diagram shows the equation $E = mc^2$ on a light blue checkered background. Each part of the equation is labeled with a grey 3D-style text label and a black arrow pointing to it:

- Energy** points to the E .
- =** points to the equals sign.
- mass** points to the m .
- speed of light (constant)** points to the c .
- squared** points to the 2 .

Einstein had a good sense of humour.
Explaining his theory he once said:

When you are courting a nice girl an hour seems like a second. When you sit on a red-hot cinder a second seems like an hour. That's relativity.

Einstein had two sons with Mileva Marić



But this marriage didn't last and the couple got divorced in 1919.

Your turn :

Read through pages 48 and half of 49.

(remember to read it twice-once silently and
the second time loudly)

See you soon, in the last module :
ciao.....

