

BEEHIVE

STD-IX

SUBJECT- LITERATURE

CHAPTER - 4

TOPIC- A TRULY BEAUTIFUL MIND

PERIOD-2

CHANGING YOUR TOMORROW

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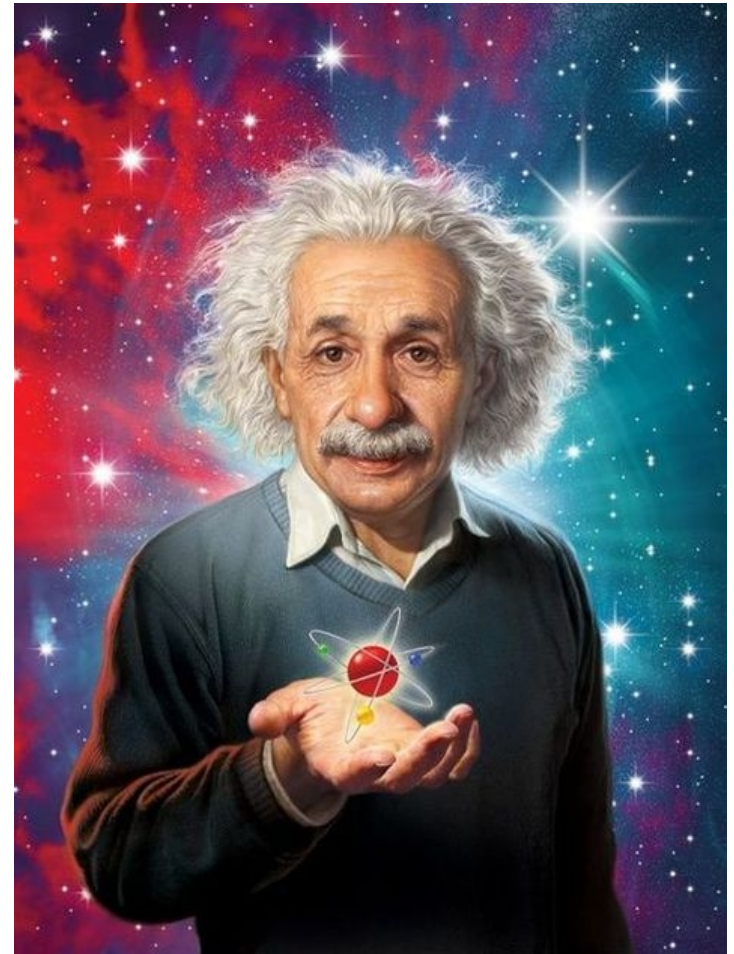
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A TRULY BEAUTIFUL MIND

STORY OF ALBERT EINSTEIN



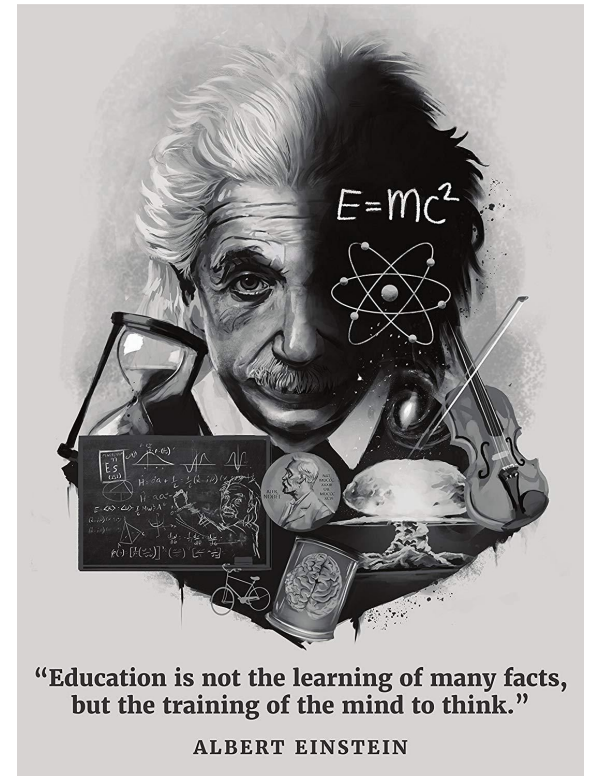
EXPECTED LEARNING OUTCOMES:

GENERAL OBJECTIVES

- Understanding the concept
- Being acquainted with prose and author's biography
- Understanding the idea
- Appreciate the language of the prose
- Developing LSRW Skills

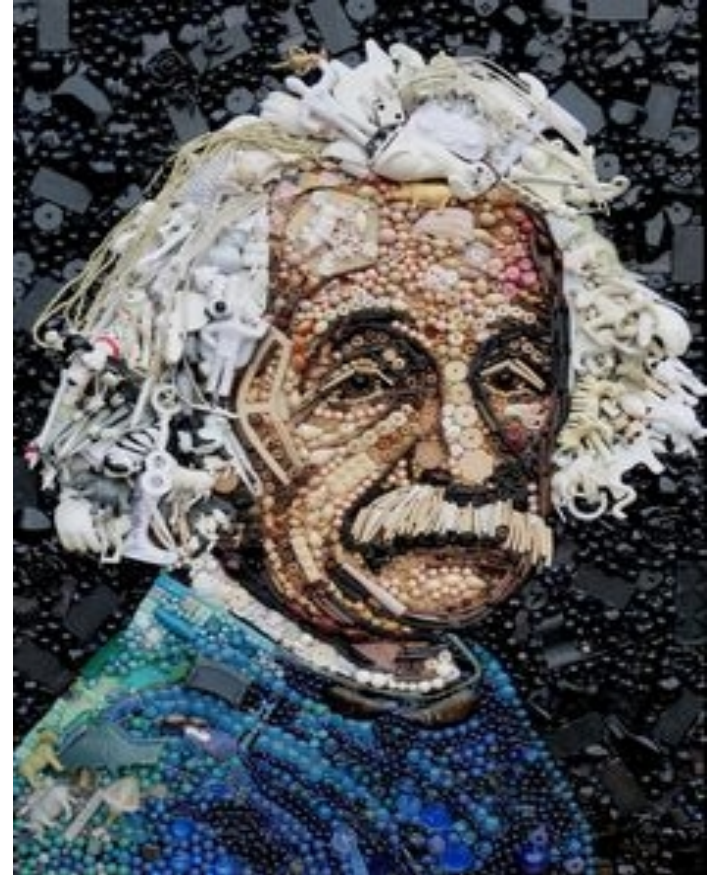
SPECIFIC OBJECTIVES/ EXTENDED OBJECTIVES

- Understanding the concept
- Being acquainted with prose and author's biography
- Understanding the idea
- Appreciate the language of the prose
- Developing LSRW Skills



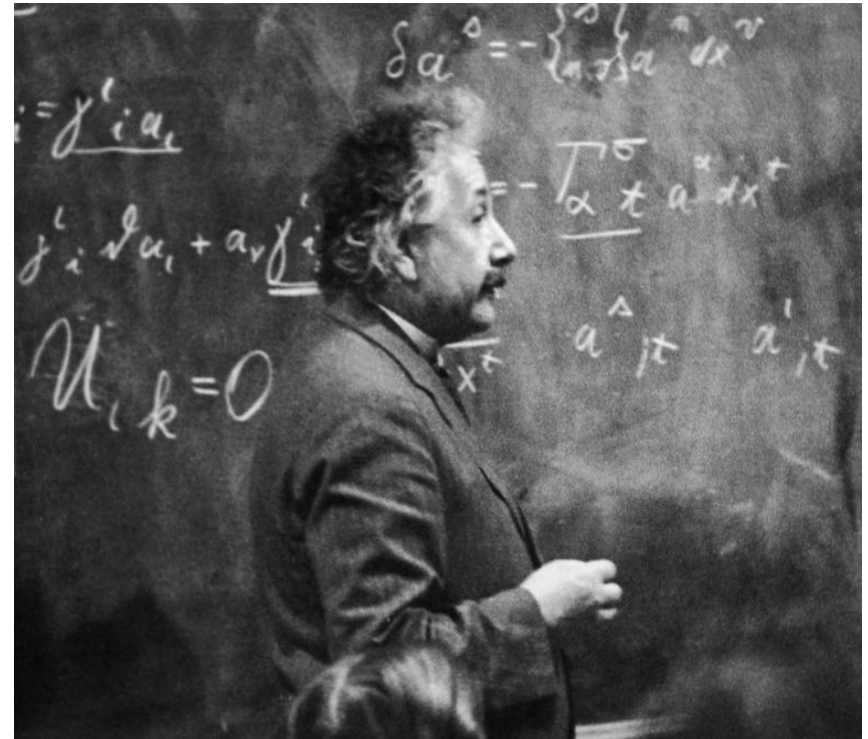
THEME OF THE STORY:

- A Truly Beautiful Mind is a summary of the biography of famous scientist Albert Einstein.
- The story portrays the other side of his life that he concerns and promote human welfare.
- That is the reason why the title of the story is 'A Truly Beautiful Mind'.



MATHEMATICAL PRODIGY

- The school in Munich was very strict, Albert could not follow the discipline over there.
- His parents agreed to put him in a school in Switzerland and the language used there for communication was German.
- Einstein was good at studies, he was highly gifted in Mathematics, so he was exceptionally good in Mathematics and he also had an interest in physics.



LIFE AT UNIVERSITY OF ZURICH

- At at the University of Zurich he met Mileva Maric. She belonged to Serbia (that is why she is called a Serb).
- She came from Serbia to Switzerland because the University in Zurich was one of the few Universities in Europe which gave degrees to female students.
- Einstein felt that Mileva was a friend because she also liked art, literature or music.



LOVE FOR ART

- Einstein felt that Mileva was a friend because she also liked art, literature or music.
- Both shared this common interest. In those days, having interest in art, literature or music was not considered to be good.
- So those people who were interested in art, literature or music used to call their opponents 'philistines'.
- Albert Einstein's family and many people in the university were not in favor of this. So, against such people, Albert Einstein and Mileva Maric's unity helped them face the situation.



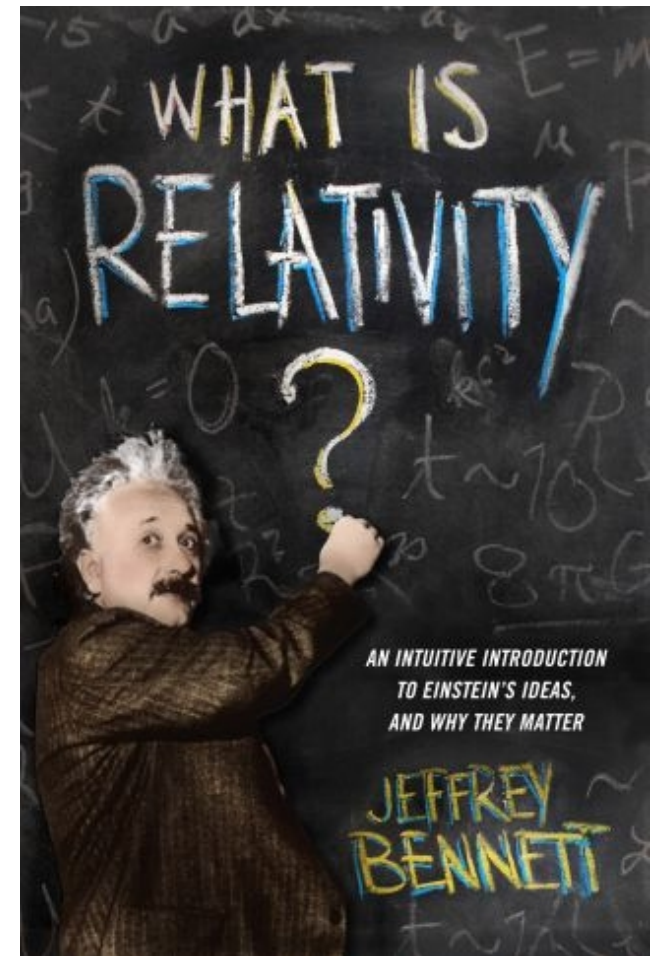
LIFE AFTER COLLEGE

- In the year 1900, Albert Einstein was 21 years of age and he completed his graduation from the University but was unemployed.
- From 1900 to 1902, Albert Einstein was working as a Teaching Assistant and gave private lessons also.
- Finally, in 1902, he got a job in Bern. Bern is a city in Germany. He got the job of a Technical Officer in a patent's office in Bern.
- Einstein was supposed to check the inventions done by other people and give them a patent. On the other hand, secretly, he was making his own inventions too.



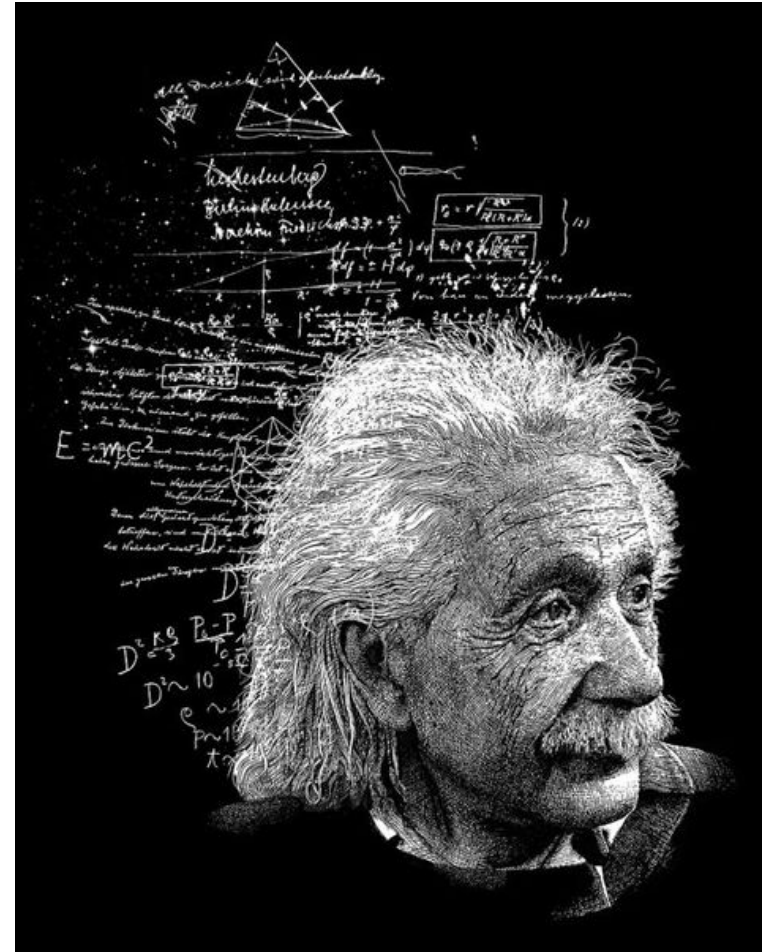
THEORY OF RELATIVITY

- Einstein later said the desk on which he worked was the office of theoretical physics because there only he started working on his inventions.
- In the year 1905, Einstein published his first paper. It was about 'special theory of relativity'. In this publication it was written that the measurement of time and distance is not absolute, it depended on something else.
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E=mc²

- This theory of relativity gave us this basic formula of physics - $E = mc^2$.
- E stands for energy, m for mass of the object and c for the speed of the light in a vacuum. (Vacuum means where there is no air and the speed of light in vacuum is almost 300,000 km/s).
- To put it into simpler words, Einstein said that when you sit with a nice girl for two hours, it seems like two minutes.
- On the other hand, when you sit on a hot stove for two minutes, it seems like two hours—that's relativity. So a person would feel the timing differently.



VOCABULARY

- absolute: measured in itself, not in relation to anything else
- patent: a document which gives the rights of an invention to an inventor
- ally: a friend or an associate
- philistines: a word used disapprovingly to talk about people who do not like art, literature or music

HOMEWORK

Find out 10 facts about Albert Einstein's childhood and his Alma mater

A VIDEO ON THEORY OF RELATIVITY

<https://vimeo.com/146869349>

THANK YOU
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