



Time Travel



● Time Travel



Time Travel is moving between different points of time. More than 100 years ago, a famous scientist named Albert Einstein came up with an idea about how time works. He called it relativity. This theory says that time and space are linked together. Einstein also said our universe has speed limit: nothing can travel faster than the speed of light (186,000 miles per second)

● Ways to travel in time

1. Travel at the speed of light
2. Wormhole
3. Kurt Goodell Theory



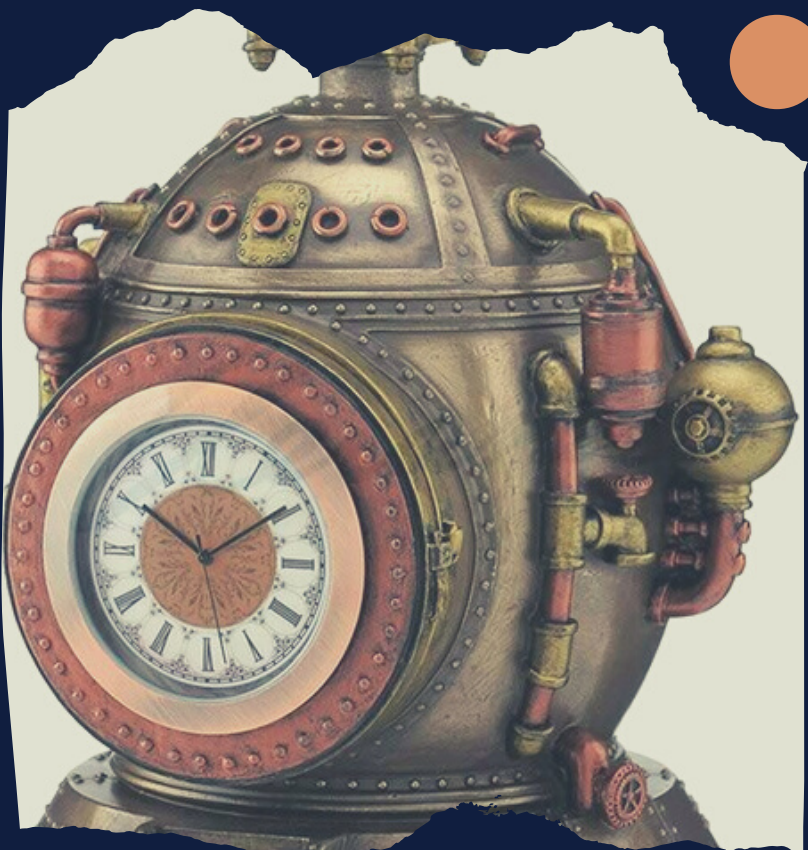
● Grandfather paradox

The grandfather paradox is a paradox of time travel in which inconsistencies emerge through changing the past. The name comes from the paradox's description: a person travels to the past and kills their own grandfather before the conception of their father or mother, which prevents the time traveller's existence. Despite its title, the grandfather paradox does not exclusively regard the contradiction of killing one's own grandfather to prevent one's birth. Rather, the paradox regards any action that alters the past, since there is a contradiction whenever the past becomes different from the way it was.



● Time Machine

A time machine is a device which brings about closed timelike curves—and thus enables time travel—where none would have existed otherwise.



● The Telescope As A Time Machine

Astronomy is history. Because light takes time to travel from one place to another, we see objects not as they are now but as they were at the time when they released the light that has traveled across the universe to us. Astronomers can therefore look farther back through time by studying progressively more-distant objects.

