

THE QUIRO

Mag

THE TIME TRAVEL ADVENTURE



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FROM THE PRINCIPAL'S DESK

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As it is very well said by Jonathan Nolan Look at anyone's bookcase at home, no matter how modest, and you're going to find a book that contains wisdom or ideas or a language that's at least a thousand years old. And the idea that humans have created a mechanism to time travel, to hurl ideas into the future, at the bookends make all the Books a time machine. I've always been a big fan of time travel, and I'm very much into the notion that some day we'll be able to do it. Beam me up, today itself.

Podar International School champions always take a positive education approach and excel the theme provided for Qurio Mag ,which they did as I can see through each of the page. They really poured their heart and made the brain work to put their best in it. I appreciate their sincere and spontaneous efforts to adorn this magazine with their write-ups and wish. All the best to the team of Qurio magazine.

Ms.Rani Maria Xavier
Principal

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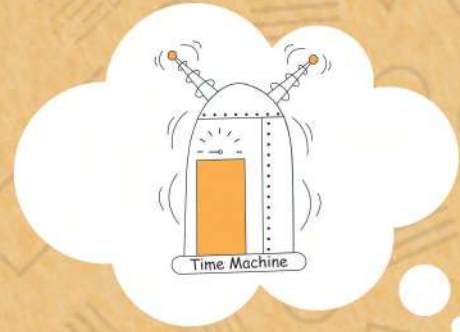
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Let's understand time travel



The ability to jump forward and backwards in time has long fascinated science fiction writers and physicists alike. So is it really possible to travel into the past and the future?

Is Time Travel Possible?

The Short Answer: Although humans can't hop into a time machine and go back in time, we do know that clocks on airplanes and satellites travel at a different speed than those on Earth.

We all travel in time! We travel one year in time between birthdays, for example. And we are all traveling in time at approximately the same speed: 1 second per second.

When we think of the phrase "time travel," we are usually thinking of traveling faster than 1 second per second. That kind of time travel sounds like something you'd only see in movies or science fiction books. Could it be real? Science says yes!

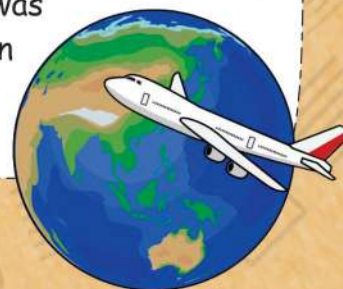
How do we know that time travel is possible?

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 a speed limit: nothing can travel faster than the speed of light (186,000 miles per second).

What does this mean for time travel? Well, according to this theory, the faster you travel, the slower you experience time. Scientists have done some experiments to show that this is true.

For example, there was an experiment that used two clocks set to the exact same time. One clock stayed on Earth, while the other flew in an airplane (going in the same direction Earth rotates).

After the airplane flew around the world, scientists compared the two clocks. The clock on the fast-moving airplane was slightly behind the clock on the ground. So, the clock on the airplane was traveling slightly slower in time than 1 second per second.





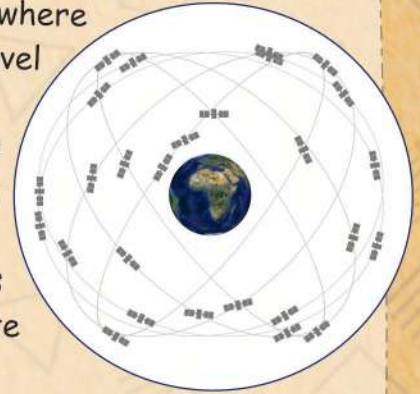
Can we use time travel in everyday life?

We can't use a time machine to travel hundreds of years into the past or future. That kind of time travel only happens in books and movies. But the math of time travel does affect the things we use every day.

For example, we use *GPS* satellites to help us figure out how to get to new places. NASA scientists also use a high-accuracy version of *GPS* to keep track of where satellites are in space. But did you know that *GPS* relies on time-travel calculations to help you get around town?

GPS satellites orbit around Earth very quickly at about 8,700 miles (14,000 kilometres) per hour. This slows down *GPS* satellite clocks by a small fraction of a second (similar to the airplane example above).

However, the satellites are also orbiting Earth about 12,550 miles (20,200 km) above the surface. This actually speeds up *GPS* satellite clocks by a slighter larger fraction of a second.



(Picture of *GPS* Satellites orbit around Earth)

Here's how: Einstein's theory also says that gravity curves space and time, causing the passage of time to slow down. High up where the satellites orbit, Earth's gravity is much weaker. This causes the clocks on *GPS* satellites to run faster than clocks on the ground.

The combined result is that the clocks on *GPS* satellites experience time at a rate slightly faster than 1 second per second. Luckily, scientists can use math to correct these differences in time.



If scientists didn't correct the *GPS* clocks, there would be big problems. *GPS* satellites wouldn't be able to correctly calculate their position or yours. The errors would add up to a few miles each day, which is a big deal. *GPS* maps might think your home is nowhere near where it actually is!

To summarise, we can say that yes, time travel is indeed a real thing. But it's not quite what you've probably seen in the movies. Under certain conditions, it is possible to experience time passing at a different rate than 1 second per second. And there are important reasons why we need to understand this real-world form of time travel.



If I met someone from the past...



Einstein

Haven't we all imagined if we met some one from the future. Many scientist have also thought the same things before. One of them was a famous scientist called Stephen Hawking. I wanted to meet this great personality. He madly believed in the possibility of time travel. His biggest mission in life was to meet a time traveller. He once organised a party, a huge party for a time travel to arrive.

To celebrate the arrival of a time travel, he choose a specific day of the year and particular time where he predicted that there should be a time traveller that would visit them. Although his prediction did not come true he was awarded scientist of the year. We all are pretty sure that Stephen Hawking's prediction will come true one day. It would be a memorable moment for all the great scientist who conducted crazy researches to prove the existence of time travel. I hope our future generation will be able to prove that the existence of time travel actually is true...

Devyani Kaswankar
Grade IX B

Elizabeth I

Alexander

Columbus

Razia Sultana

Mother Teresa



Nikola Tesla



Savitribai Phule

If I met someone from the past...



Einstein

Rani Lakshmibai symbolizes bravery and resistance. Rani Lakshmibai, Queen of Jhansi, was a key figure in the Indian Rebellion of 1857. Her bravery, leadership, and sacrifice have elevated her to legendary status in Indian history. She was born in 1828, raised in a Brahmin family, and got an education in martial arts, horseback riding, and sword combat. She married Raja Gangadhar Rao, the king of Jhansi marked the start of her reign as queen. However, her spouse died in 1853.

The British East India Company annexed Jhansi under the Doctrine of Lapse. Rani Laxmibai refused to surrender, adopting her late husband's son and claiming the crown. Her defiance triggered the Indian Rebellion in 1857. With Jhansi becoming a key battleground, Rani Laxmibai joined up with other rebel leaders and led her troops in various fights, including the battle of Jhansi and the Battle of Gwalior. Her leadership and smart thinking gained her respect and fear.

Her bravery was demonstrated in her famous phrase "Meri Jhansi Nahi Doongi" ("I will not give up my Jhansi).

Her rebellion against the British continues to inspire Indians, solidifying her position in history a a legend figure. Her legacy teaches us that even in the face of overwhelming odd, courage and determination an win.

Shriyashi Kole
Grade VIII A

Elizabeth I

Alexander

Columbus

Razia Sultana

Mother Teresa



Nikola Tesla



Savitribai Phule

Did you know?

Egyptian Civilization



Most Ancient Egyptian pyramids were built as tombs for pharaohs (rulers of Ancient Egypt) and their families. To date, over 130 pyramids have been discovered in Egypt.



The Pyramid of Khufu at Giza is the largest Egyptian pyramid. It weighs as much as 16 Empire State buildings.



The Ancient Egyptians invented lots of things we still use today, such as paper, pens, locks and keys and - believe it or not - toothpaste!



Cats were considered sacred animals by the Ancient Egyptians. Most families had a pet cat, which they believed would bring the household good luck!



Ancient Egyptians believed in more than 2,000 deities! They had gods for everything, from dangers to chores! Each God had different responsibilities and was worshipped so that life could be kept in balance.

Indus Valley Civilization

The city of Mohenjo-Daro was prone to flooding. Archaeologists have discovered that this ancient city was rebuilt seven times due to flooding.



The people of the Indus Valley created beautiful works of art out of metal, such as the famous Bronze 'Dancing Girl of Mohenjo-Daro' statue.

The people of the Indus Valley civilisation traded things like cotton, metals and exotic animals with the people of Ancient Mesopotamia.



In Mohenjo-Daro, the biggest structure found was a large communal bath called 'the Great Bath'.

It is believed that the people of the Indus Valley civilization invented buttons - they were made out of seashells!



Mesopotamian Civilization

Mesopotamia was the home of the Sumerians, who were the first to develop a standard writing system called cuneiform.



The city of Uruk is said to have had around 50,000 citizens at one point, which was a massive population for its time.



The invention of the wheel is credited to the Sumerians. The wheel they developed was used for Pottery and its first use for transportation was 300 years later.



Mesopotamians developed glass, the Pythagorean Theorem, and ancient sanitation techniques.



Concepts such as the empire, the city, and the demarcation of hours, minutes, and seconds are all first attributed to Mesopotamia.



If I find a time machine...

Every person has their own imaginations. I also have and of course it's my favourite....If I find the Time Machine!

If it happens then I shall like to go into the past, a deep past when the Universe was yet to develop. I would like to see and feel that atom with whom this entire Universe is made up of. I would like to experience what exactly happened and how the Universe formed with one blast. What was that? I am curious to know. Also I am interested in finding out how our own planet, the earth is different from the other planets.

This is all about the past, meanwhile I would like to go in future also with the help of this time machine so there I may find the people from our earth wondering in the space and living with the aliens. There will be rockets and space crafts available with us by which we can easily go to the space.

These all my imaginations for past and future I will try to grab if I got that time machine. But what is for the present? Yes indeed I have think on that also. Now a days we are facing the issue of environmental pollution and the health issues initiated by different viruses such as corona, etc. The root cause of this might be pollution and use of plastics and plastic products. With the help of time machine I would like to explore the substitute for plastic by which I am sure we can overcome these environmental issues. I am imagining the world without plastics. I will use this time machine not only to explore past and future but I will use this for the betterment of livelihood of the present.

Himani Chetan Prabhu
VIII A



If I find a time machine...

If I ever find the time machine the first thing I would do is visit my past and see the condition of the people during the dynasty. If I get a chance I will make sure that people are living a prestigious life .Also I would change the mind set of many people so that every one lives peacefully. I would also investigate about the life of freedom fighters who already lost their life and I will find ways to overcome the consequences of World war I and II.

If I had the time machine I will try to stop the accident before it takes place. I will make people aware regarding disaster so that necessary precautions can be taken.

Soham Bajaji
Grade VII A



If I find a time machine...

Everyone has probably heard tales of time travel and time machines that result in thrilling and unforgettable adventures. "What if I had a time machine?" was the notion that crossed my mind. My contribution was a humorous and stimulating thought. Then I began to consider my options and came to several conclusions, including whether or not I should go back in time to the past or not. I then reasoned that since we can never be sure how the world would change in the future, travelling into the future might be a little dangerous.

Consequently, if I had the chance to travel back in time, I would like to meet Leonardo Da Vinci, the brilliant inventor, scientist, engineer, and musician.

I'd like to see him create his masterpiece. like the incredible "Mona Lisa" and the intriguing "Last Supper". Learn about the technologies he worked on, such as flying machines, armored vehicles, and much more.

I would also like to hear his perspectives on creativity, innovation, and so on. I'd like to observe his curriculum and observant nature, which resulted in so many groundbreaking discoveries in anatomy, mathematics, and physics, as well as admire his hard work.

However, if I were to visit the future, I would like to witness all of the amazing technology that will be invented. Maybe I'll see making at the pace. Robots everywhere, flying automobiles! Even planes of light! Seeing humanoid robots is an unusual sight.

I wish I could go back in time. I'd like to do all of these things. Even if it was for just one day. However, with a time machine, the possibilities are limitless! People can travel back in time or into the future and experience things that only they can envision.

Rishita Sharma
Grade VII A



If I find a time machine...

It was Sunday. I was bored and wanted to go to camping. I asked my mother and father. They gave me permission to go. I quickly packed my things like food, clothes, water, etc. I went to the shop of tents and bought one of them. I went by taxi to the path of the small forest. I was walking on the path and heard a sound of something from the bushes. I went there. I didn't see anyone, but I was shocked and surprised to see a time machine. I was excited and clicked the red button and the door opened. I went inside and saw many buttons. When I clicked the yellow button and the door closed, everything started to shake and when I opened my eyes, I was in the age of dinosaurs. I saw many herbivorous, carnivorous dinosaurs from a long distance. When suddenly a big group of herbivorous dinosaurs arrived in front of me.

Harshman Pednekar
Grade V A

If I find a time machine, I will be very happy. But the first thing I will do is to stop Hitler. First, I will go to the 1920s when Hitler was starting to rise to power. I will also try to stop important events that help him, like becoming a chancellor. I will support good leaders who can fight against Hitler and make sure people know about his dangerous plan. I will change things in Hitler's early life or disrupt the groups that helped him. If Hitler is already in power, I will work to stop his plans and help those who are fighting against him. In short, I want to stop World War II and save many people's lives. But I will be careful because changing the past has unexpected effects.

Aarya Raman Bane



If I find a time machine...

If I would have a time machine, well, That's- a dream which all doraemon and chhota Bheem fans want, considering me. I love doraemon, shinchan and many more. I always loved watching animated cartoons, but when I used to watch doraemon, the feeling is very different. They have things which we use then why don't we have doraemon or it's-gadgets??' When I would think about this, Me and- my mind would get stuck in the thoughts and get confused. So, I searched on every single search- engine, but, could not find it.

If I would have it, Then I would go to the future, past or anywhere without any delay or efforts.

The main thing is if I would go to the past then I would meet all the great people. If I would go to the future then, I would see me and my friends future face, or discover the inventions

and many more! I would clear the thought in my mind about past or future.

Veera Khadpe
Grade IV



Evolution of Clocks

16th Century BC



WATER CLOCK

Time is measured by the regulated flow of liquid into or out from a vessel where the amount is then measured.

Ancient Times

SUNDIALS

Shows the time by displaying the position of a shadow on a flat surface, which has markings that correspond to hours.



150 BC

HOURLASS

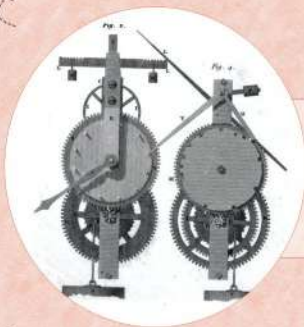
Fine sand pouring through a tiny hole at a constant rate indicates an arbitrary predetermined passage of time.



725 AD

EARLY MECHANICAL

Water powered cogwheel.



1336 AD

ASTRONOMICAL

Large astrolabe-type dial, showing the sun, the moon's age, phase, and node, a star map, and possibly the planets.



15th Century

SPRING DRIVEN

Earliest existing spring driven clock is the chamber clock given to Phillip the Good, Duke of Burgundy.



1656 AD

PENDULUM

Christian Huygens determined the mathematical formula that related pendulum length to time.



1657 AD

HAIRSPRING

Huygens and Robert Hooke invented the spiral balance, or the hairspring, designed to control the oscillating speed of the balance wheel.



1815 AD

EARLY ELECTRIC

Francis Ronalds published the first electric clock powered by dry pile batteries.



1955 AD

ATOMIC

First accurate atomic clock, based on a certain transition of the caesium-133 atom, was built by Louis Essen at the National Physical Laboratory in the UK.



Imagine being at the Egyptian Pyramids, and suddenly, the Egyptian Mummy comes to life and greets you with a "hello." What would your conversation be?

I was wandering in the Egyptian Pyramids, when I stumbled upon something. It was a huge hexagonal box covered with beautiful carvings and plated with gold. It also had huge diamond in center. Suddenly, it moved and the lid of the box opened. Through which came a scary, horrifying mummy. I was petrified by its looks. It was covered with cloth and the skin was all dried as if baked in sun. I was not able to move. Then it spoke in some weird language I was unfamiliar to. Then he looked at my face, he analysed me and to my surprise uttered 'hello'. At that moment I was not scared anymore. His tone now was quite soft ,even though he had an shriller voice. Then we had a talk for a while, I got to know about its history. It was quite tragic and sad. Then after crying for a while, I bade him bye and was on my way home.It as an mesmerising experience.

Aarya Padte
Grade IX A



Hello there...

HI, I'M TAJ MAHAL

Built for Mumtaj

I Carry twenty-two rooms.

Somebody comes with so many

brooms

I fainted

**But I am, I was and I will be world's
handsome monument.**

**I am the heaven and also World's
Wonder Seven Help! Help! there is
pollution!**

We all should find a sollution!

Once again I'm Taj mahal

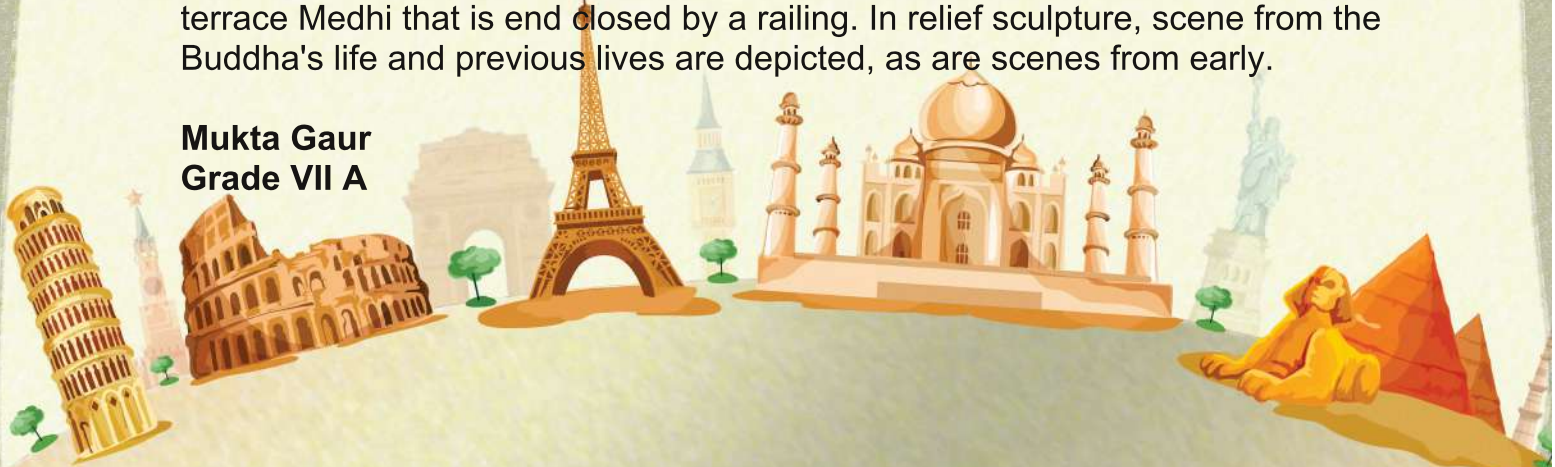
Like a Raj mahal!

Durva Pawar

Grade VI

The Sanchi Stupa is located about forty-six km away from Bhopal in a small place called Sanchi. The stupa is a Buddhist place of worship. There are many stupas and viharas. There many monuments one of them is Sanchi stupa. At Madhya Pradesh, these stupas are funeral mounds of Buddhist monks. The Sanchi stupa built in Madhya Pradesh by Emperor Ashoka in the third century BC, is one of the best specimens of stupa art. It is the most famous monument. It is a fine example of Buddhist architecture and sculpture of ancient India. It is the religious place with historical and archaeological significance. Ashoka, the Mauryan emperor, built the Great stupa (also known as Stupa number 1) During the second century BC, the simple structure was damaged. After a series of reprises and additions, it finally took shape in the first century BC. The building is 120 feet (Thirty seven meters) wide and fifty Fasi feet (seventeen meters) high. A relic chamber is hidden deep within a hemispherical dome and that forms the heat of the complex. The earth is enclosed by the dome of heaven, which is one of the many meanings of the come to represent the world's tallest peak, the railing Hasmik is squared off at the top. Three umbrella structure Chhatra support the central pillar yashti, which is said to represent the three Jewels of Buddhism: The Budha, the dhamma doctrine , and the Sangha community. To circumambulate the dome, pilgrims must walk clock wise around a circular terrace Medhi that is end closed by a railing. In relief sculpture, scene from the Buddha's life and previous lives are depicted, as are scenes from early.

Mukta Gaur
Grade VII A



Who said it?

1. Life is like riding a bicycle. To keep your balance, you must keep moving.



2. Genius is one percent inspiration and ninety-nine percent perspiration.



4. That's one small step for a man, a giant leap for mankind.



3. You must be the change you wish to see in the world.



6. The best and most beautiful things in the world cannot be seen or even touched—they must be felt with the heart.



5. "In the end, it's not the years in your life that count. It's the life in your years."



7. All that glitters is not gold.



8. The greatest glory in living lies not in never falling, but in rising every time we fall.



9. Spread love everywhere you go. Let no one ever come to you without leaving happier.



Movie Recommendations

1



2



3



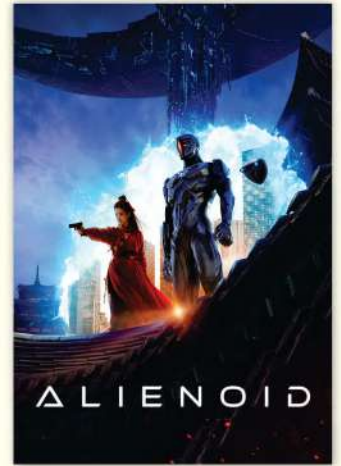
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5



6



7



8





9



Title of the Movie/Book: **Kalki**

Movie/Book Summary:

Recently a week ago I saw a movie which was based on time travel. It was related to Mythological time travel It was 8000 years in future, that was Kalki. Kalki is a god which is believed to come in future. To end the evil souls, spirit and people. When only an city named Kashi existed on this holy earth. Kashi was filled with people, sights were filled with misery. A fighter name Bhairava was only Young, brave and dashing personality in the community. She freed herself from the clutch of Yaskin the supreme And moved to sambala with help of Veerrera. Yaskins army head Monire attacked Sambale & was determined to take Mata (Kalki's mother) captive again and execute her. But the immortal, mythological characters Ashwalthama saved the lady, which was taken by the dashing Bhairava for her safety. This was directed by Nag Ashwin Starring Bollywood actor Dipika Padukone, Prabhas & star Amitabh Bacchan.

Movie/Book Reviewed By:  

Ishaan Nagvekar
Grade IX B

How many hearts will you give to this movie?

(1 heart means the movie was really bad 5 hearts means it was great!)



Title of the Movie/Book:

Movie/Book Summary:

Movie/Book Reviewed By:  

How many hearts will you give to this movie?

(1 heart means the movie was really bad 5 hearts means it was great!)

Spotlight @PIS



Yoga Day Celebration



Thematic event



Investiture Ceremony



Har Ghar Tiranga



Krishna Janmashtami



PODAR VOLUNTEER PROGRAM



Ganesh Chaturthi Celebration



Time Travel Crafts

DIY Time Capsule

Step 1 - Choose a container for the time capsule.

Step 2 - Assemble your contents to be put into the container such as -

- ~ A letter for your future self
- ~ Family photo
- ~ Toys
- ~ Goals and aspirations
- ~ Anything you would like to give your future self

Step 3 - Put all your assembled things inside the container.

Step 4 - Seal the container and write your name or year on it.

Step 5 - Find a location to bury/hide the time capsule container.

Step 6 - Click a picture of where you'll hide the container and then hide it.



DIY Pharaoh Mask

Things required to make the mask

- ~ Cardboard paper or any thick paper
- ~ Glue
- ~ Sketch-pens
- ~ Colour paper or colours

Can you solve this riddle?

“There is an ancient invention still used in some parts of the world today that allows people to see through walls.”

Answer: Window

An Ancient Recipe

Imagine had you been washed ashore four millennia ago on the banks of the now lost river of Saraswati and hitched a bullock cart ride to Farmana in the Ghaggar valley near modern-day Delhi, here's what you might have eaten - a curry.

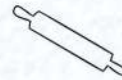


Here is the 4000 year old 'original' curry recipe from the Indus Valley Civilization.



Ingredients

- > 6-7 small brinjals, washed and slit
- > 1-inch piece of ginger (paste)
- > 1 fresh turmeric paste, or $\frac{1}{4}$ tsp turmeric powder
- > Salt
- > 1tbsp raw mango cut into cubes
- > 2-3tbsp sesame oil
- > $\frac{1}{4}$ tsp cumin
- > Sugar to taste



Method:

Wet grind the ginger, turmeric and cumin seeds. Heat sesame oil, add the paste and cook for a couple of minutes. Tip in the brinjal, add some salt and give it a good stir. Cover and cook until the brinjals are nearly cooked through; add some water, if need be. Now, stir in the mango and sugar. Simmer for a few minutes or until the mango is cooked. Check seasoning and serve with bajra roti (pearl millet flatbread).





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Volume 1 | 2024 - 25
PIS Kankavli