

Think Through It

The struggle you are in today is developing the strength you need for tomorrow.

ANON

# MACVISTA



## GARVI GUJARAT PRIDE OF INDIA



Gujarat, the name evokes images of colours, mirrors, the pristine Rann, the tumultuous Arabian Sea and the thunderous roar of the Lion.

Archaeological findings have pinpointed that Lothal and Dholavira in Kutch were the main centres of the Harappan Civilisation and a hub of commerce.



Gujarat has a vibrant folk tradition which can be seen even now. Navaratri in Gujarat means nine days of Garba Raas and Dandiya. Bhavai, the folk theatre which started in the 1300's is performed even now.

Apart from this, Gujarat has a textile tradition which stretches far into history. Patola, the art of weaving gives us sarees that are awe-inspiring. The Rabaris, Ahirs, Soof tribes etc have a lovely tradition of embroidery which makes the colours pop.

Gujarat probably got its name from the Gurjara Pratihara clan which ruled Western and Central India. Mauryas, Guptas, Solankis, Vaghelas and the Delhi Sultanate all ruled over this part of India at different times. Then in 1411, Ahmed Shah built the city of Ahmedabad. After independence, Gujarat was a part of Bombay but became a separate state on May 1st 1960.



How can anyone forget Gandhiji, when talking of Gujarat? He was born in Porbandar. He believed that the British would be defeated by non-violence and he staged his most famous Dandi march in Surat. Sabarmati Ashram in Ahmedabad was the stage of his work here in Gujarat. Gujarat is full of history but is also a fast paced, economically thriving state of India. It has not only contributed to India's history but is also an active participant in India's development.

Gujarat is a land of great contrasts. The salt deserts of Kutch, the arid areas of the Kathiawar peninsula and the fertile plains in the north-west make up the state.

Tribes such as the Rabaris, Ahirs, Mutwas, Parsis and descendants of Greeks and African soldiers make up the unique demography of the state.



### INDIAN WILD ASS IN KUTCH



**Date of formation – May 1st 1960**  
**Location- Western India**  
**Capital – Gandhinagar** Important cities- Ahmedabad, Vadodara, Surat, Rajkot  
**Rivers- Sabarmati, Mahi, Narmada, Tapi, Banas, Saraswati, Damanganga**  
**Language- Gujarati, Hindi**  
**Neighbours- Rajasthan, Maharashtra, Madhya Pradesh, Dadra and Nagar Haveli and Daman and Diu**  
**International borders- Pakistan**  
**State Animal- Asiatic Lion**  
**State bird- Greater Flamingo**



# STEP IN TO SAVE WATER



Gujarat is a very arid, dry, hot state which sees rain only for a quarter of the year. The *Vavs*, *Baolis* or stepwells, were built in ancient Gujarat to conserve water during the long, thirsty summers. They also doubled as a cool place for the community to gather.

The most famous stepwell is in [Patan](#), known as the [Rani ni Vav](#). Rani Udayamati of the Chalukya Dynasty is credited with building this seven-storey stepwell in memory of King Bhimadev in 1063. The [Surya Kund](#) of Modhera Sun Temple is another beautiful monument built to conserve water. The kund has geometrical steps built into the sides descending to the water level. [Adlaz ni Vav](#) in [Gandhinagar](#) is another fantastic example of water monument architecture.



[Rana Veer Singh](#) of the Vaghela Dynasty started building the Adalaj Vav but a war between him and [Mehmud Begada](#) put a stop to its construction. The king was killed but Mehmud Begada fell in love with the widowed queen, [Rani Rudabai](#). The rani promised that she would marry him if he finished the construction of the well. However, she jumped to her death when the well was completed.

The vav and stepwell have a combination of [Hindu and Muslim architecture](#) and a lesson for us in modern times. [Water is precious](#) and should not be wasted. Such communal water wells could [replenish the groundwater](#) and provide water to the parched areas.





yoga

# BUTTERFLY ASANA



## BUTTERFLY POSE

*This asana helps in opening up the hip joints, thigh muscles and pelvic bones.*

### How to do :

1. Sit tall and join the soles of your feet together.
2. Keep your spine straight.
3. Cup the soles of your feet with your palms.
4. Allow your bended knees to fall to either side of the body.
5. Inhale and raise your knees.
6. Exhale and drop your knees.
7. Gather your feet closer to the body and drop your forehead to make this asana more beneficial.
8. Focus on your breathing.

### Benefits

- This asana stretches the pelvic joints, hips and strengthens the thigh muscles.
- It helps to calm the mind.
- It helps in strengthening the bladder and kidneys.
- It helps to relax the lower back.



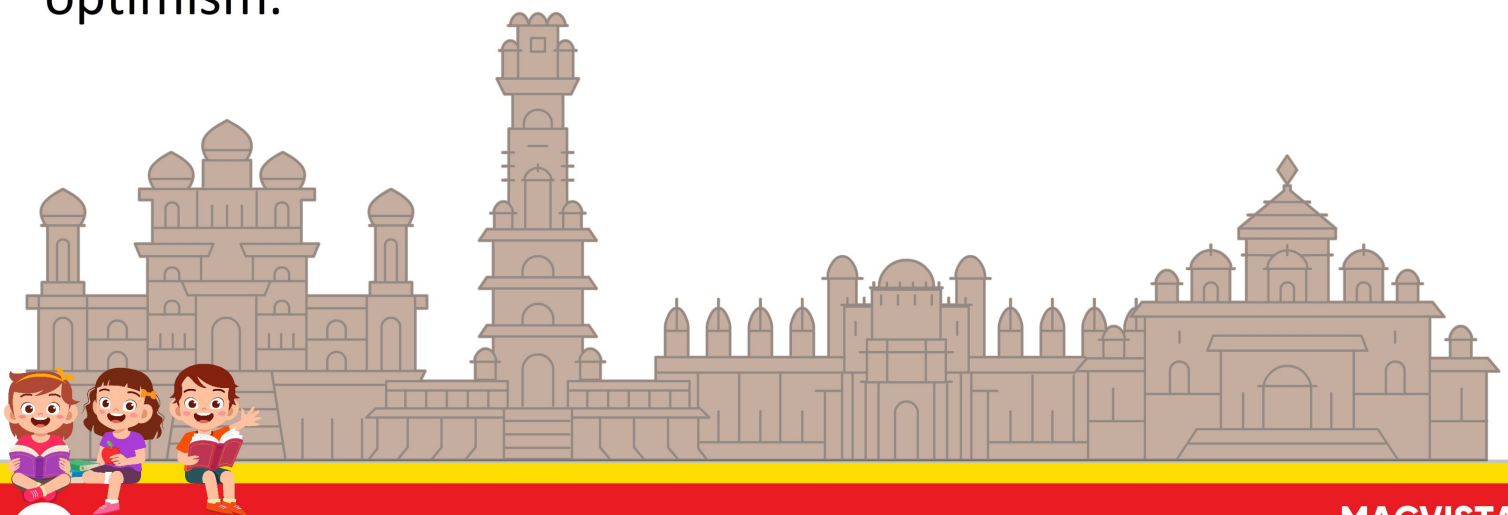


amazingindia

# AHMEDABAD



Ahmedabad, a city steeped in the history of India. A city which bursts with the vibrancy of the bustling modern times and yet looks longingly back towards the past glories and lovingly cradles the yesterday with today and the coming tomorrow. Known as the “Manchester of the East”, its textiles have wrapped the world for ages and it is still the hub of the best wrap and weaves. It stood defiant with Gandhiji to counter the British then as it looks forward with zeal to the new age. Enjoy this city of culture, history and optimism.





# COMIC STRIP



## BAIRA AND BELA

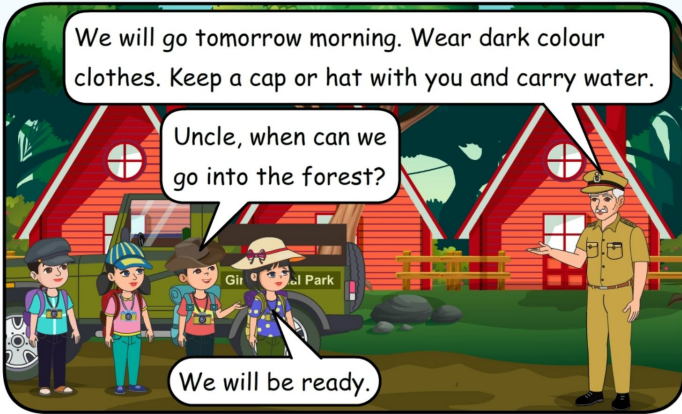


Ashok uncle, Ashok uncle. We are here. These are our friends Mohit and Seema.

Namaste uncle. Thank you for asking us to visit Gir National Park.



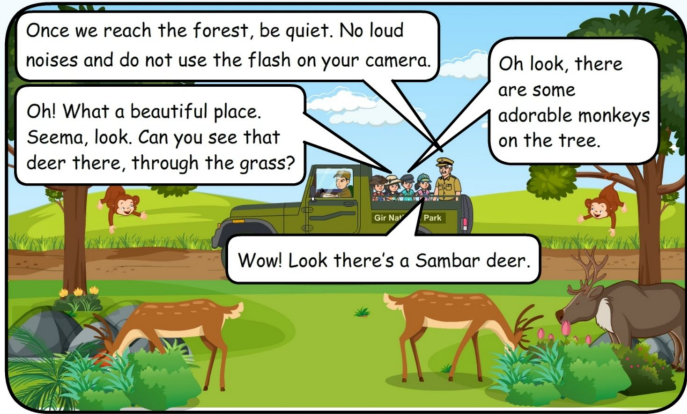
I am so happy to see you all. Let's go. Sasan Gir is 80 kms away.



We will go tomorrow morning. Wear dark colour clothes. Keep a cap or hat with you and carry water.

Uncle, when can we go into the forest?

We will be ready.

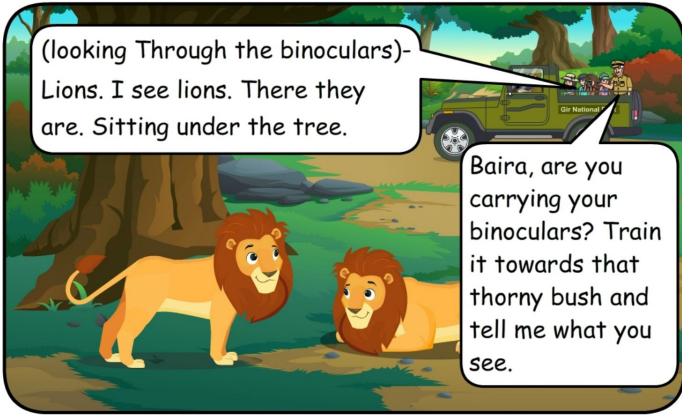


Once we reach the forest, be quiet. No loud noises and do not use the flash on your camera.

Oh! What a beautiful place. Seema, look. Can you see that deer there, through the grass?

Oh look, there are some adorable monkeys on the tree.

Wow! Look there's a Sambar deer.



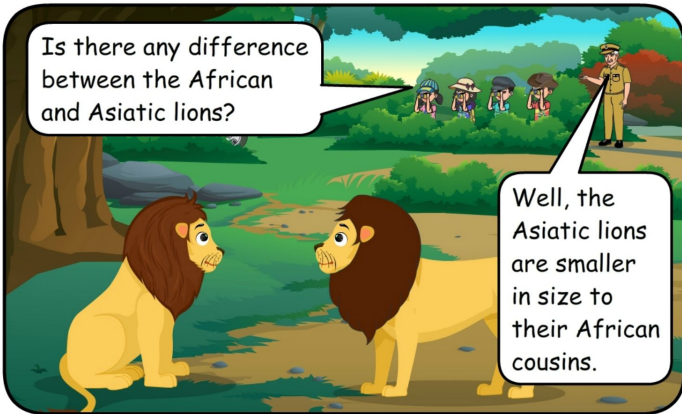
(looking Through the binoculars)- Lions. I see lions. There they are. Sitting under the tree.

Baira, are you carrying your binoculars? Train it towards that thorny bush and tell me what you see.



This is a small pride. Sometimes, a lion will have more than one lioness.

I have heard that the lioness hunts. The lion is quite lazy. It can sleep almost the entire day away.



Is there any difference between the African and Asiatic lions?

Well, the Asiatic lions are smaller in size to their African cousins.



Since it is summer, they will hunt at night. Who wants to go for a night safari?

We want to. It will be so much fun.

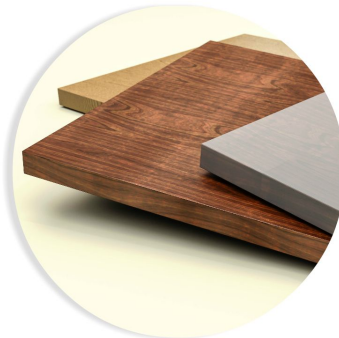


# DIY - LIPPAN ART

Lippan art is a traditional folk art from Gujarat which uses mirrors to decorate the walls of the houses.

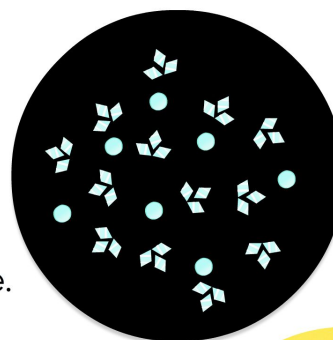
## What you need:

- MDF board or wooden board. You can also take a pre-framed board which has hooks at the back. Dimensions of the board could be 18"X18".
- Shilpkar air drying clay from Fevicryl
- White and other acrylic colours of your choice
- Fevicol
- Mirrors of various shapes
- Brushes
- A palette knife
- Carbon paper
- Pencil



## How to make:

- Take the board and clean it with a rag.
- Find some simple designs which can be traced on the board. Use carbon paper and pencil for it. A simple design has been given here for your reference.
- Colour the board with white acrylic colour and let it dry.
- Now mix the Shilpkar clay in your hands and start rolling it out into thin strings. You can pinch it and mould it in various shapes. Use the palette knife to cut the strings neatly.
- Layer the outline of the traced drawing with the clay strings.
- After some time, The clay will become hard. now glue traced lines of the design.
- Allow it to dry and set. It might take up to 24 hrs.
- Now is the time to colour it. Use bright colours to fill in the outlines. Glue the mirrors on the design with fevicol.



Voila! Your artwork is ready. Frame it and decorate your homes. Please do share your artwork with us at [editor\\_macvista@macmillaneducation.com](mailto:editor_macvista@macmillaneducation.com)

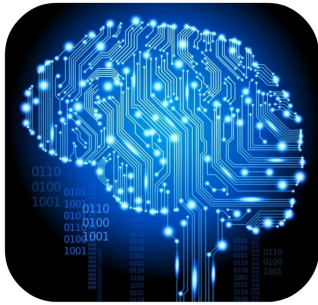


Skill Enhanced - understanding instructions, creativity, motor skills





# Jungle Life and AI



AI or artificial intelligence is a hidden boon to the conservation endeavours of the jungle rangers. The animals in the wild are victims of many calamities. The worst are the poachers. Lions, tigers, elephants, rhinos and many more have fallen to poaching.

Conventional patrolling or restrictions do not always work when dealing with such criminals. That's where AI steps in. The boundaries of the jungle areas and national parks are quite porous. Though the fences are electrified, they are no match for the well-armed poachers.



AI armed infrared cameras with night vision and alarms can create a safer forest.

AI can be programmed to collect a lot of data in seconds. So the behaviour patterns of the animals, their habitats, poaching activities and waterhole conservations can all be digitalised and classified for further understanding.



Brazil is facing an acute water shortage and the Amazon is drying up. This news was clarified by processing AI data and NASA images. WWF is working with Intel to protect Siberian tigers in Northwestern China. Alpha Go, another AI-based algorithm helped map the Serengeti National Park within an hour. This freed up personnel from physically taking millions of pictures. Teradata, in India, is helping rangers against poachers.

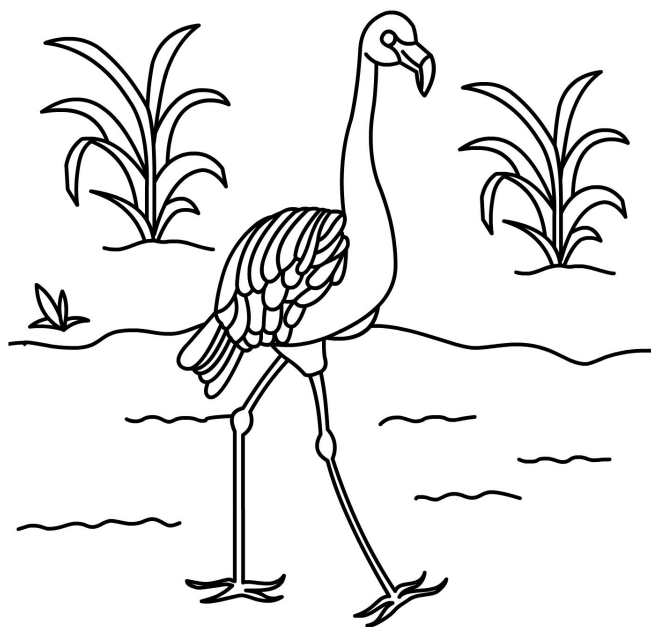
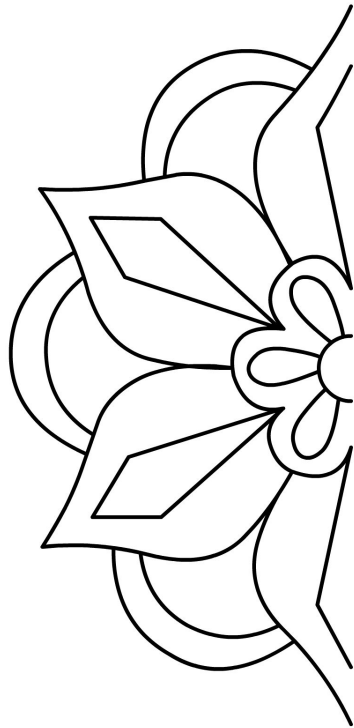
AI must work with human intelligence and compassion to safeguard our natural resources.



# ART BEAT

Let's beat the heat with these paintings. Complete them, Colour them and share with us at - [editor\\_macvista@macmillaneducation.com](mailto:editor_macvista@macmillaneducation.com)

The entries will be published.



### Color Guide

- 1 — Hot Pink
- 2 — Light Pink
- 3 — Blue
- 4 — Dark Green
- 5 — Black
- 6 — Light Green
- 7 — Gray
- 8 — Brown
- 9 — Sky blue



Skill Enhanced - Visualisations, cognition, motor skills



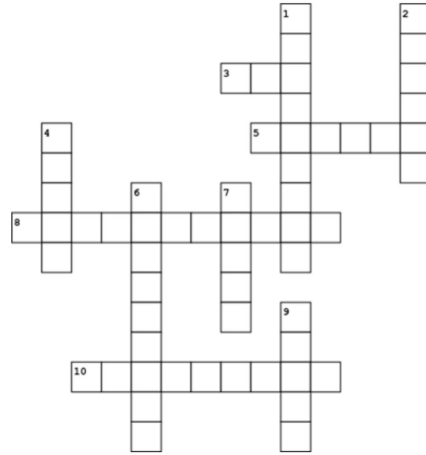


# FUN ACTIVITIES

## GupShup

STORIES FROM  
**INDIA**  
 (from multiple sources)

## find the city



### Across

- 3. home to the king of the jungle
- 5. City of art
- 8. capital of Gujarat
- 10. river in Ahmedabad

### Down

- 1. birthplace of Gandhiji
- 2. ancient city
- 4. Diamond City
- 6. Manchester of the east
- 7. Rani ni Vav
- 9. salt pans and flamingo

## HIDDEN PICTURES



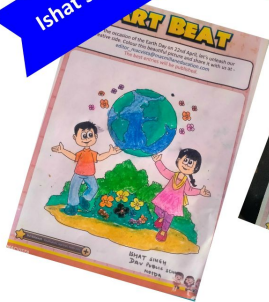
From multiple sources



# YOUR CORNER

## HONOUR ROLL

Ishat Singh



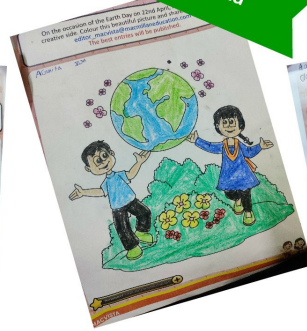
Nikki



Aarna Bansal



Agrita



Aarsh Bansal



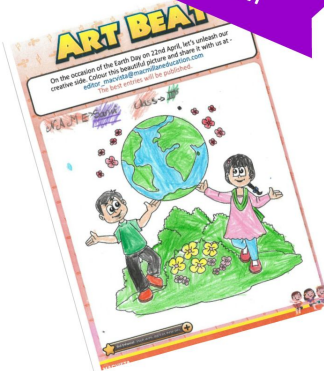
Vihan Rai



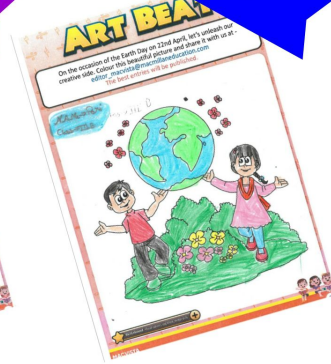
Shaurya Rai



Sanvi



Pari



Summer is here and it is a scorcher! You must be having your summer vacations. What are your plans? Are you visiting any interesting places this summer or joining a summer workshop? Please tell us what you plan to do this summer vacation at [editor\\_macvista@macmillaneducation.com](mailto:editor_macvista@macmillaneducation.com)



# RIDDLES

# JOKES

1. A group of students were standing in the blazing sun facing due west on a march past event. The leader shouted at them: Right turn! About turn! Left turn! At the end of these commands, which direction are the students facing now?

2. Lal works at the aquarium. When he tries to put each turtle in its own tank, he has one turtle too many. But if he puts two turtles per tank, he has one tank too many. How many turtles and how many tanks does Lal have?

Four high school boys skipped morning classes. After lunch, they reported to the teacher that they had a flat tire. Much to their relief she smiled and said, "Well, you missed a test today so take seats apart from one another and take out a piece of paper." Still smiling, she waited for them to sit down. Then she said: "First Question: Which tire was flat?"

# FUN FACTS

Gujarat has the largest number of airports in the country. 17 in total.

Gujarat has the tallest statue in the world. The statue of unity celebrates Sardar Vallabhbhai Patel.



## INTERNATIONAL

10<sup>th</sup> MAY 2022

Yoon Suk Yeol, is elected the president of South Korea.

13<sup>th</sup> MAY 2022

UAE president Sheikh Khalifa passes away

16<sup>th</sup> May 2022

Elisabeth Borne is the new PM of France.



23<sup>rd</sup> May 2022

Cash starved Sri Lanka has no finance minister at the helm right now.



## SPORTS

2<sup>nd</sup> MAY 2022

Harshada Sharad Garud becomes the Junior World Weightlifting Championship

3<sup>rd</sup> MAY 2022

Nicholas Pooran has been named the captain of the West- Indies cricket team.



14<sup>th</sup> MAY 2022

Former Australian batsman, Andrew Symonds died in a road accident.

Image Courtesy: P14ateru444g4  
"Andrew Symonds"  
Open work  
This file is licensed under the Creative Commons  
Attribution-Share Alike 4.0 International, 3.0 Unported,  
3.0 Generic, 2.0 Generic and 1.0 Generic license.



15<sup>th</sup> MAY 2022

India lifts first ever Thomas Uber Cup in badminton.

19<sup>th</sup> MAY 2022

Nikhat Zareen wins the Women's World Boxing Championship.

## NATIONAL

1<sup>st</sup> MAY 2022

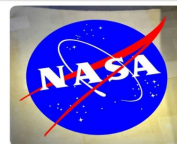
India launches a no plastic initiative titled Prakriti to generate awareness and educate people against single use plastics.

Image Courtesy: 3088 Artificial Intelligence Center  
"Nand Mukherjee" https://www.ai.mil/bio\_mukherjee.html  
This work is in the public domain.



3<sup>rd</sup> MAY 2022

Two teams of Indian students from Punjab and Tamil Nadu won the NASA Human Exploration Rover Challenge.



5<sup>th</sup> May 2022

Priyanka Mohite of Satara, Maharashtra, becomes the first woman to scale five peaks above 80,000 metres. She recently scaled Mt. Annapurna.



9<sup>th</sup> MAY 2022

Danish Siddiqui, who died in Afghanistan last year, has been awarded the Pulitzer Prize.

\*Danish Siddiqui at the 2018 Pulitzer Prize awards ceremony. Open work  
Image Courtesy: Andrew LH  
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17<sup>th</sup> MAY 2022

India honoured as the Country of Honour at Cannes film festival.



## ART AND OTHERS

5<sup>th</sup> MAY 2022

The International Union for Conservation has reported that there are just around 10 Vaquita prooise, the world's smallest marine mammal, in the world.

8<sup>th</sup> MAY 2022

Eminent Odiya Litterateur, Rajat Kumar kar, a Padma Shree awardee passed away.

10<sup>th</sup> MAY 2022

Pandit Shiv Kumar Sharma, the renowned Santoor maestro passed away at 84.

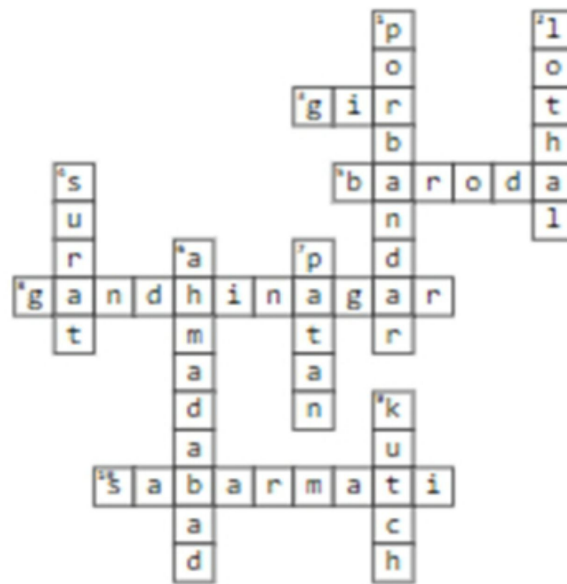
Image Courtesy: Sushil Dahiwal  
"Pandit Shiv Kumar Sharma after performance and Talk in First Santoor Samrath (Santoor Concert) at Bharat Bhawan Bhopal"  
Open work  
This file is licensed under the Creative Commons Attribution-Share Alike 4.0 International license.



# ANSWERS

## FUN ACTIVITIES

find the city



### Across

- home to the king of the jungle
- City of art
- capital of Gujarat
- river in Ahmedabad

### Down

- birthplace of Gandhiji
- ancient city
- Diamond City
- Manchester of the east
- Rani ni Vav
- salt pans and flamingo

## ANSWERS

### RIDDLE SOLUTION

1. Answer: East

Explanation: They will turn 90 degrees in a right turn and then 180 degrees in an about-turn, and finally turn 90 degrees in a left turn. Therefore, the students are now facing east.

2. Answer: He has three tanks and four turtles.

