





# KHOJ

#### **SCIENCE I ARTS I INNOVATION**

KHOJ Museum I VEDHSHALA Near Naranpura Railway Crossing Naranpura, Ahmedabad - 380013







Manthan Educational Programme Society, India



Gajarat State Financial Services Ltd.







KHOJ - Science + Art + Innovation is one of India's few dynamic children's museum. It connects science, design & innovation by means of participatory displays.

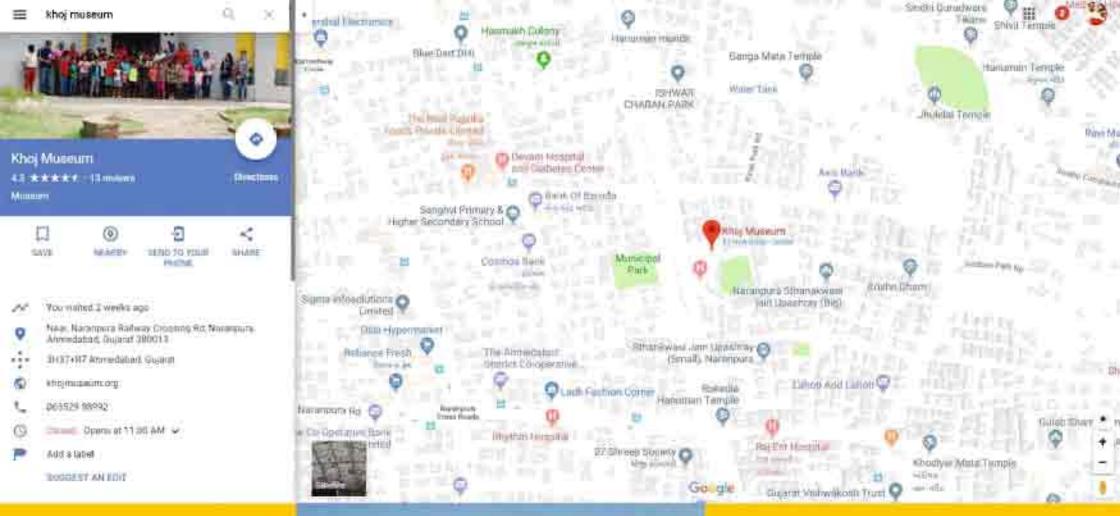
Unlike a regular museum where visitors don't touch the display, at KHOJ children are encouraged to participate and play with the displayed activities. We believe learning happens best when a child is immersed in a positive, happy experience.

At Khoj, we provide that by means demonstrations, interactive exhibits, games, experiments and workshops designed around specific concepts.



The museum is designed in a manner to be constantly changing and provide a new experience to Ahmedabad and visitors.

It has been planned to display a set of new subjects every 6 to 9 months, thus bringing a complete metamorphosis to the museum and thus making it dynamic.







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## **INITIATIVE BY**

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#### MANTHAN EDUCATIONAL PROGRAMME SOCIETY, INDIA

Manthan Educational Programme Society, India is a not for profit organization. It is one of the old and niche organizations working in the field of science education in India. Since its inception, Manthan has done innovative projects at the interface of design, entrepreneurship and science. On one side of it, we have developed hundreds of kits on various subjects like eclipses, climate change and gender to be used by children in rural areas across India. On the other side, Manthan has conducted various awareness programs regarding health, diseased, medicine, sanitation and hygiene in tribal areas across India.



#### ZOOM CHILDREN'S MUSEUM VIENNA

"Hands on, minds on, hearts on!" At ZOOM Children's Museum Vienna, children are welcome to ask questions, to touch and to feel, to examine and to play to their hearts' desire. At ZOOM, children explore the world with all their senses, on their own or in small teams. In their own individual way, they zoom in on objects and situations and,

by doing so, find out about themselves and discover their own skills, abilities and creativity. In ZOOM's exhibitions and workshops, the children playfully acquire sensory impressions and emotive experiences, which set learning processes into motion and allow them to acquire new knowledge. In contrast to museums for adults, ZOOM invites children to touch and try out exhibits and, through the sense of touch, take possession of the world.

https://www.kindermuseum.at/en

## **SUPPORTED BY**



Gujarat State Financial Services Ltd.

This project has been initiated by Manthan Educational Programme Society, India in association with ZOOM Kindermuseum, Vienna under the CSR initiative of Gujarat State Financial Services Ltd. GSFS has supported this initiative as a innovation focus and education focus initiative under their CSR activities.

www.gsfs.co.in/



#### **GUJARAT CSR AUTHORITY**

This initiative has been routed and catalyzed with the support of Gujarat CSR Authority under the segment of education and innovation.

http://gcsra.org/

# These are the words that inspire us to keep creating!







Making and Building







Question

Search

Hands-on



Observe



Research









Experiment



Global but Locally Linkable



Explore



Entertain



and eco-friendly



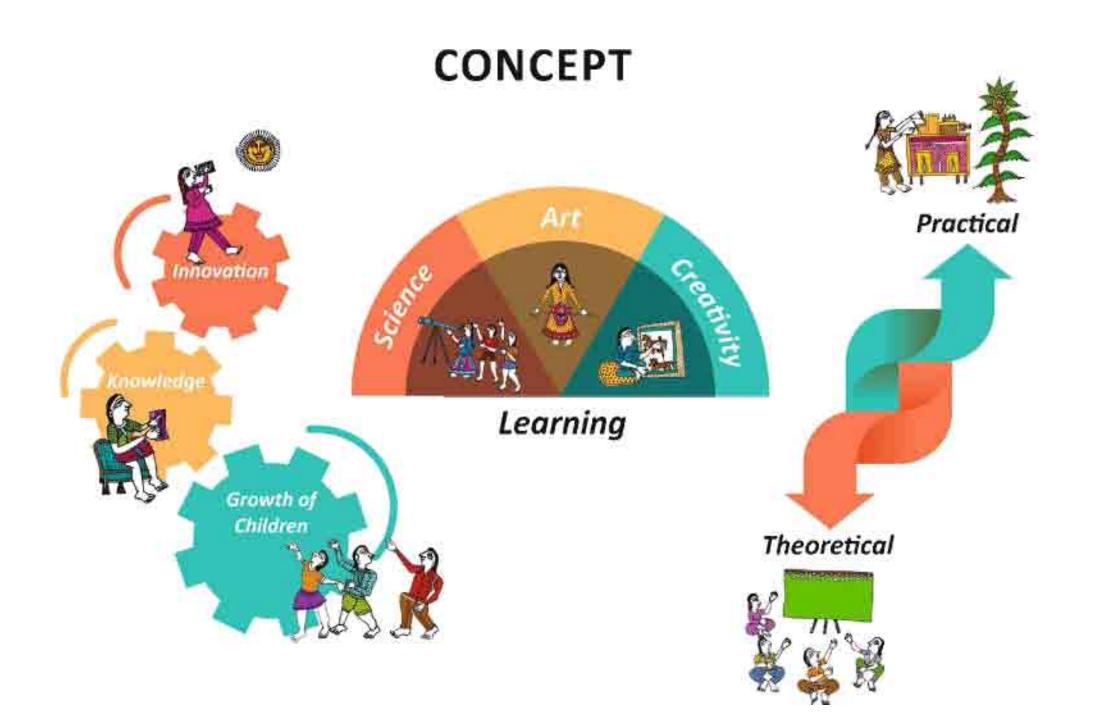
Creative



innovate



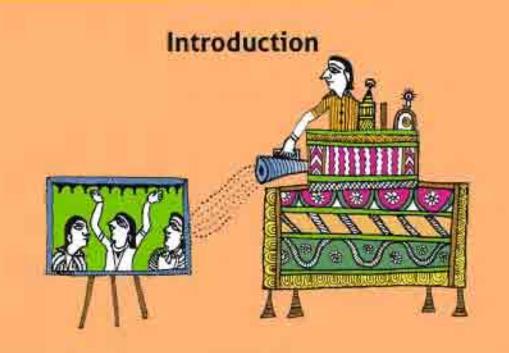
Expandable



## THE OVERALL APPROACH



HOW DO WE COMMUNICATE? We Curate all Visits (Duration 2 hours) Maximum group: 60 to 80 Students in a Batch



Exploration



Play



#### Interaction & Discussion



#### **REASONS TO VISIT KHOJ**



Dynamic Unlike most museums that are static, KHOJ is a dynamic museum. We change our galleries every 6 months and have new exhibits on different topics. So the Museum becomes new every few months!



Innovate

We spur innovation with our many hands-on activities inside the museum's. Whether you come from a background of design, art, science or are just curious, this museum will get your grey cells working!



Hands on Most museums have a signboard that says "Do not touch", ours will tell you to not only touch but also open, explore and put it back together. Go on, we dare you!

#### Design

With an army of maverick architects, designers, artists and scientists, we have set out to create a space that speaks to every individual. From the way its walls are painted to the gardens and the dome, we have tried to create something that is constantly challenging us and doesn't remain permanent. We hope it challenges you too!

## **BENEFIT TO THE VISITORS / PARTICIPANTS**

#### **Science**

The curated sessions at the museum helps the visitor to explore, understand and experiment different concepts related to science. Each floor has several exhibits which support in understanding principles related to physics, chemistry, mathematics, etc.

#### Art

The focus of the museum has been to promote art at different levels: at the visual level as well as creating level. The exhibits in the museum leads the visitors to see good art, understand the concept behind art as well as appreciate it. The workshops and activities also guide the students to be creating good art combined with science.

#### Innovation The museum strongly believes in the concept of innovation. All the exhibits in the museum are innovative and are developed in a manner where they that they initiate a though in a child's mind. Also the sessions carried out are more towards the inquiry based method, thus constantly evolving several thoughts in a visitors mind, leading them to innovative ideas and solutions of their own.

#### Connections

Science, art and innovation are subjects which are very much connected to our daily lives, which is what the textbooks in schools mainly miss to connect. The museums first rule is to connect each exhibit to our daily lives or things around you and then allow the visitors to explore the science and innovation behind it.

#### Questioning

Students in the schools fear from questioning. But here at KHOJ, the students are encouraged for asking questions. We also believe in the concept that no question is a wrong question and by asking questions the child will find the answers themselves.

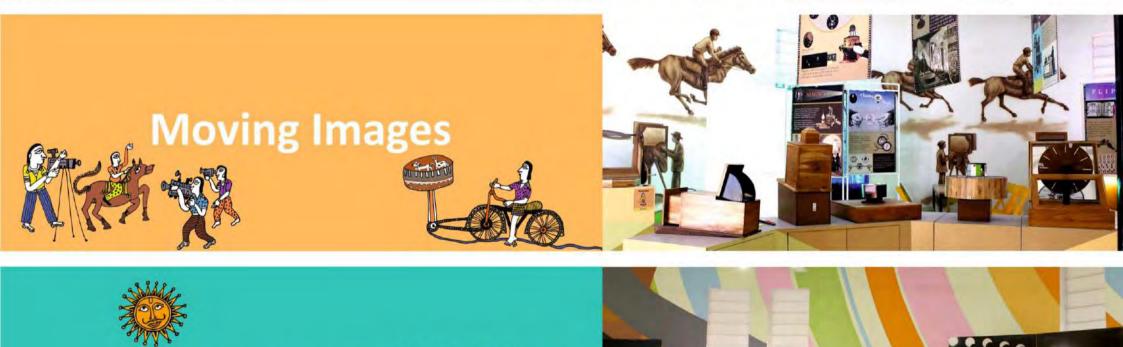
#### Learning by Doing

The heart of the museum is learning by doing, where at the museum, every visitor are encouraged to explore and interact with each displays themselves. This allows the visitor not only to understand a concept, but also to expand it further.



## MAIN EXHIBITIONS AT KHOJ MUSEUM





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Khagol

#### **MAIN EXHIBITIONS AT KHOJ MUSEUM**







**Bulbule** 

Bulbule (Bubbles) are everyday globes of wonder. At the Soap bubbles exhibit, we answer all your questions regarding bubbles through a series of experiments. Blowing bubbles has never been so much fun!

#### **Moving Images**

Walk through the history of moving images and film by means of devices created over a period of 300 years. We journey from the humble flipbook to virtual reality and smartphones!

#### Khagol

Have you seen the many moons of Jupiter? The storms on Mars? A supernova explosion? Experience astronomy through the various displays at the Khagol exhibit at KHOJ Museum.

## BULBULE



















# **MOVING IMAGES**

























# ASTRONOMY





How big is our Universe?

















**EXHIBITION AREA** (Tactile Globes for Visually Challenged)

## **MINI BIODIVERSITY PARK**





# MOON DOME







# **INITIATION & RENOVATION**

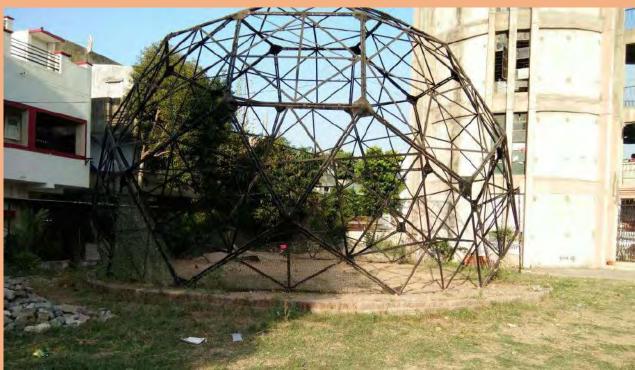


## THE VENUE BEFORE THE BEGINNING OF THE PROJECT









## **PROCESS OF RENOVATION**



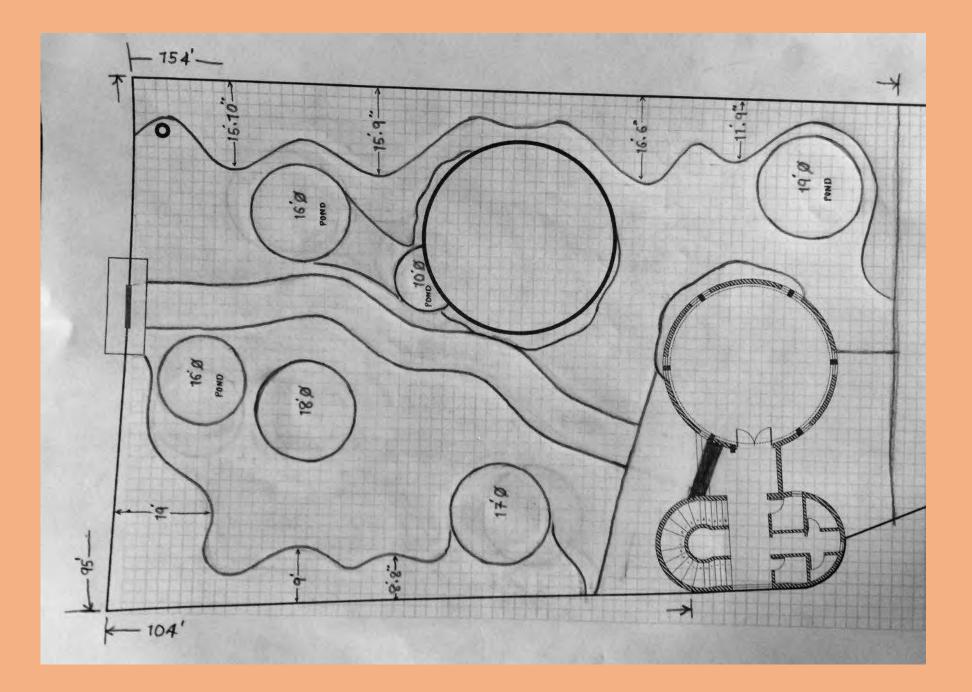
## **PROCESS OF RENOVATION**



## **PROCESS OF RENOVATION**



## **PLANNING THE GARDEN**



## **BUILDING THE GARDEN**



## **BUILDING THE GARDEN**



#### **PLANTATION** (2500 Plants Planted)









# INNAUGURATION























# **VISITOR STATISTICS**







### VISITORS REPORT OVERVIEW:

#### Duration: March to September 2018

Number of Visitors: 12,614 Number of Young People (School Students): 10,366 Number of Adults (Above School level): 2,248



#### **Highlights of Visitors:**

- 24 Group Visits from Science Learning Organisations / Hobby Organisations / NGOs
- 71 School Group Visits

#### **Events at Khoj:**

- 7 Workshops
- 4 Workshops out of campus
- 20 Public Events (Curated by KHO) for special purpose)







# **SCHOOL VISITORS**

































# **DAILY VISITORS**























**EVENTS** 







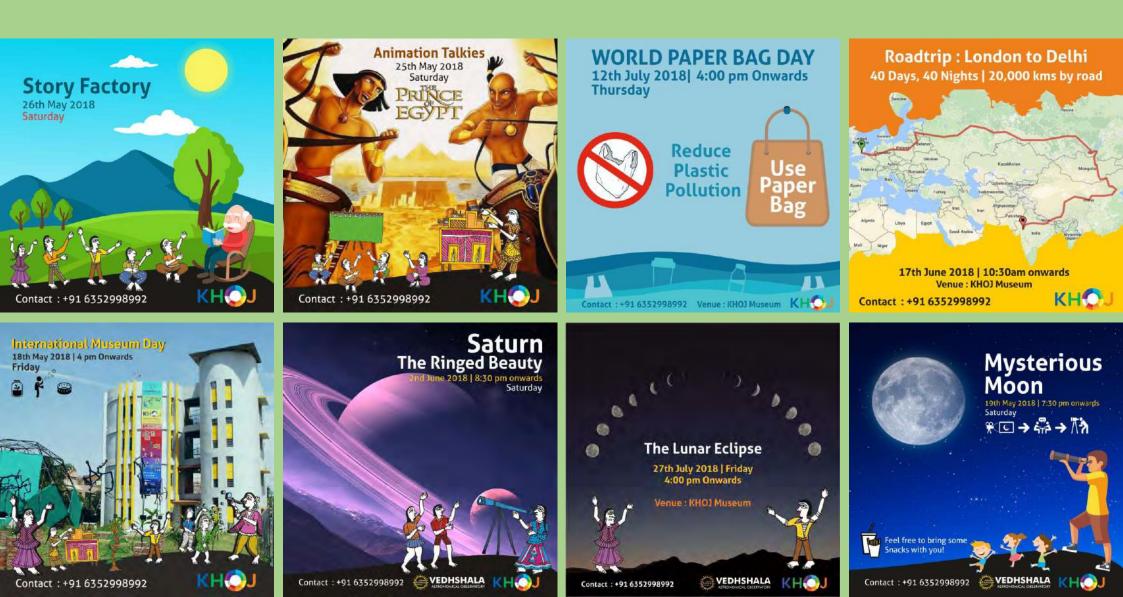




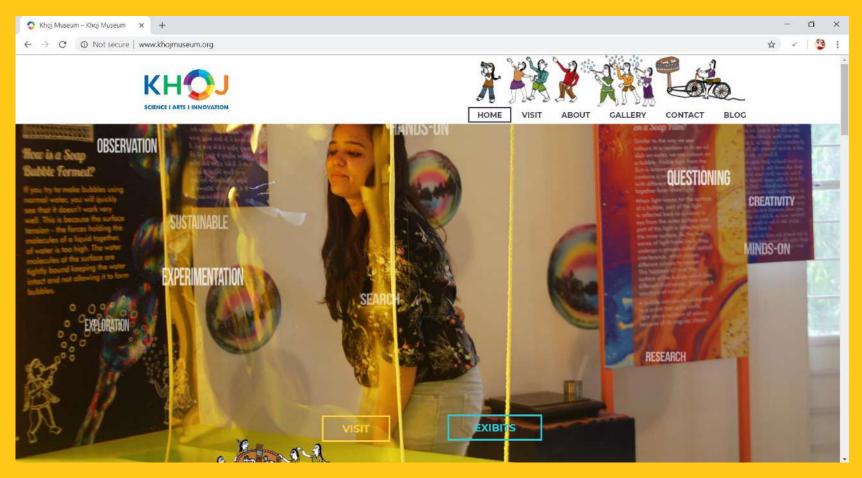


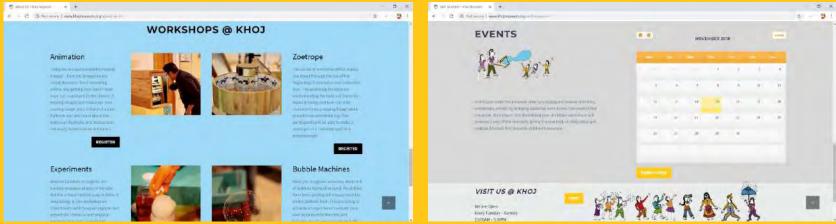


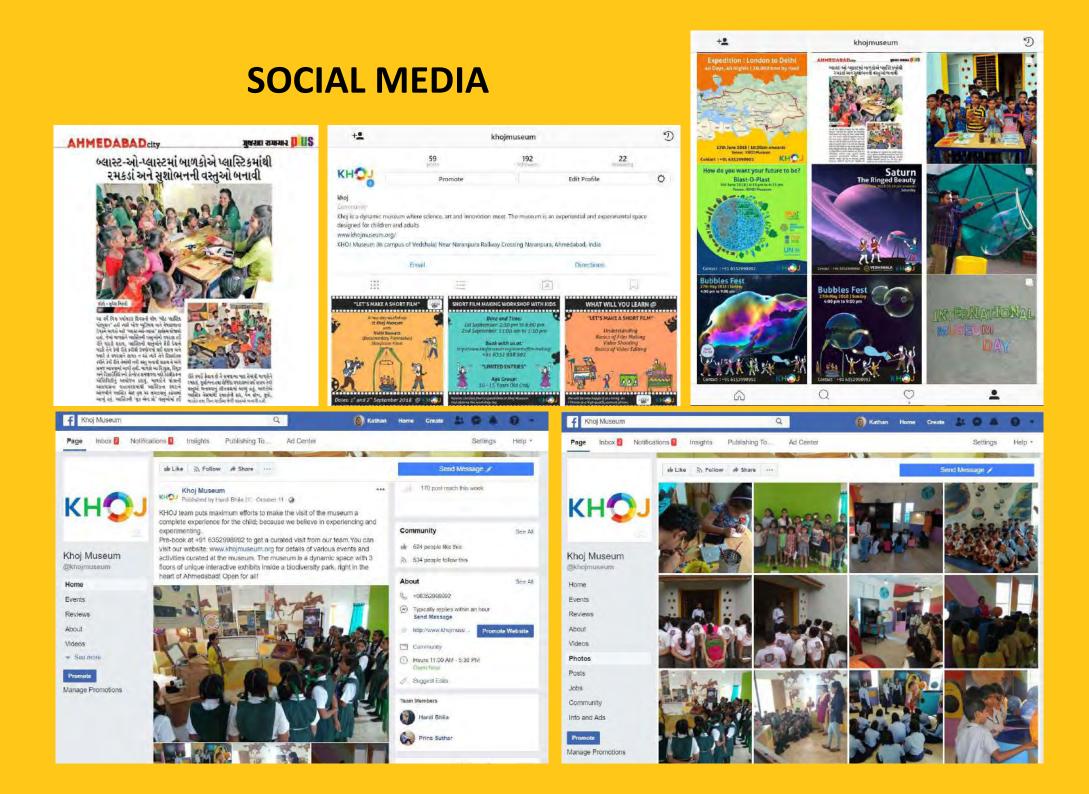
## **FEW OTHER EVENTS**



## **WEBSITE**







## **FEEDBACK BY VISITORS**

An absolutely fantastic & immersive experience not just for me but my lovely nieces & sisters too. It is not only everyday those children get to experience things hand on – but my nieces had a memorable experience & learning. - Sharddha Jain

Superb place for children much more interesting for their knowledge. Three claps for great effort. - Arvind Bhai

Fantastic!! Ahmadabad needs places like you to make our kids understand and get exposed to science. Really well guided by all staff. Look forward to coming back again. - Parag Mohata

We felt at least of 2 hours, we were somewhere out of India in a science museum. What an honest effort by the Khoj. You have transformed the building and exhibits' into a different platform of "experimental learning. !!Exposure leads to exploration!! - Megha Bhatt & Saleel bhai

It was a wonderful hands on experience!! The staff was so friendly and informative which added to the experience!! Looking forward to come often to this place. Thanks for this wonderful space to explain. - Anjali

## **FEEDBACK BY VISITORS**

Excellent effort!! Staff is enthusiastic. A great initiative to build up the scientific temper in young children. Not many such places in Ahmedabad. - Minal Pathak

This is the place we are looking for. Its fulfill our need for knowledge. It's very nice place. Thank you and keep it up. - Kanan Mehtagorve

It was a great experience for the children exploring the unique concepts and interesting activities. This was the place we are looking for the children experience. The visual reality of me universal concepts. - ISA- Nirma University

I personally loved the concepts. The dynamic museum idea made this experience very interactive and fun. Every kid enjoyed it. Thank you so much for this wonderful experience. - Shivani Sethi

Good concepts linked up for kids of lower standards. Models provided excellent visual rides to faster the imaginations of students. Bookish knowledge becomes a reality & kids weren't bored. Teachers got involved practically as well. Great works you may include many more concepts like electricity, magnetism, reflection, biological models etc. - Rakhi .V. Brahmbhatt



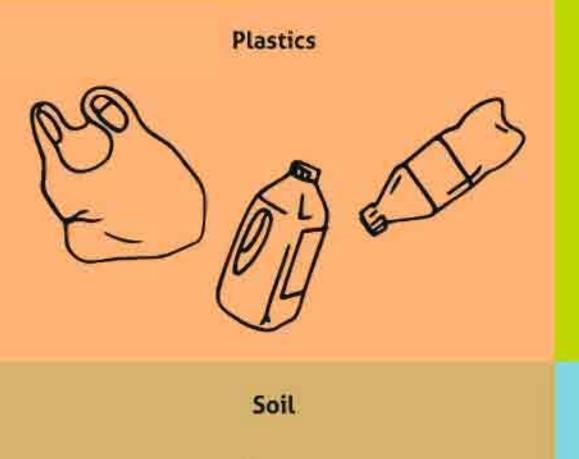


**NEW PARTNESHIP** 

Founded in October 1988 by Kathleen Schneider, the museum has been located in the Manhattan neighborhood of SoHo since its inception. The mission of the Children's Museum of the Arts is to introduce children and their families to the transformative power of the arts by providing opportunities to make art side-by-side with working artists.

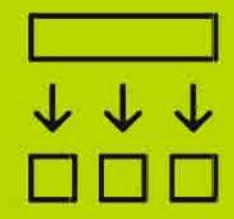
Children's Museum of the Arts

### **NEW EXHIBITS AT KHOJ - The Environmental Cycle**





Decomposition



Ozone





The Museum is open on all days (Closed on Mondays and public holidays) 11:00am - 6:00pm

Please Call us/Email us before visiting us as we curate all visits

KHOJ Museum & Vedhshala,Near Naranpur Railway crossing Road, Ahmedabad - 380013

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