

Intriguing Facts

Taste

- Generally, girls have more taste buds than boys.
- Insects have taste organs on their feet, antennae, and mouthparts.
- Fish can taste with their fins, tail as well as their mouth.

Smell

- Dogs have 1 million smell cells per nostril.
- Humans use insect warning chemicals, called pheromones, to keep away pesky insects.
- Our nose, at its best, can distinguish between 4,000-10,000 smells!

Touch

- We have more pain nerve endings than any other type.
- The middle of back is the least sensitive while hands, lips, face, neck, tongue, fingertips and feet are most sensitive areas of our body.

Hearing

- At high altitude, changing pressure causes our ears to pop.
- Children have more sensitive ears than adults.
- Animals hear more sounds than humans.

Vision

- A newborn baby sees the world upside down.
- If we had only one eye, everything would appear two-dimensional.
- A chameleon's eyes can look in opposite directions at the same time.



Special Attractions

Scimax, 3-D Science Shows, Science Demonstration Lecture, Taramandal, Sky Observation

Other Galleries

Underwater Exploration, Biotechnological Revolution, Being Human, Water: Our Life, Popular Science, Fluidics, Wonder World of Materials, Prehistoric Life Park, Children Science Park

Visiting Hours

10:00 am to 5:30 pm. Open on all days except Holi & Diwali



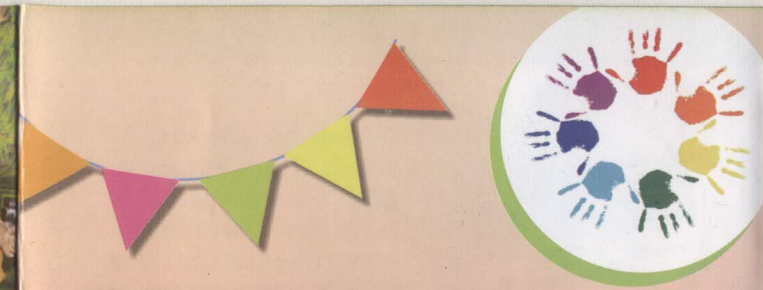
Regional Science City

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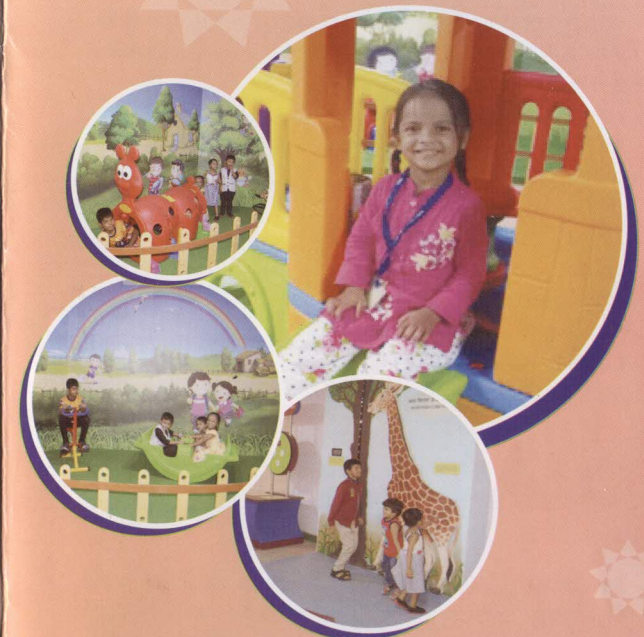
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CHILDREN GALLERY

"Everything is theoretically impossible, until it is done."

- Robert A. Heinlein



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Children are scientists by default. They, curious by nature, are passionate to learn by observation, experimentation and analysis, which are part of scientific methodology.

Science opens young minds to the wonders of the natural world.

It equips them with cognitive and problem-solving tools that help them in understanding complex world.

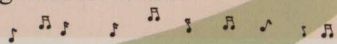
In order to develop logical and rational thinking by building natural and insatiable curiosity among children, the teaching should largely be based upon models of inquiry-based pedagogy. It involves questioning, building hypotheses related to initial questioning, and wherever possible encouraging experimentation. The traditional teaching of science that is handed down vertically needs replacement with horizontal one which connects them with nature – be it inert, living or extinct, at the same time involving their senses and intelligence.

The Children Gallery is based on this approach of horizontal



The issue is not to teach [a child] the sciences, but to give the taste for loving them.
— Jean-Jacques Rousseau

teaching. Colourful & attractive exhibits and exciting activities in the gallery will foster thinking skills among children, feeding them with natural love for learning and thereby preparing them for future.



To begin with, children are exposed to exploring using their senses. Touch is the first sense a child experiences even before taking birth. Several exhibits such as *Touch and Feel*, *Mind's Eyes*, *Pin Screen* etc. will encourage learning using sense of touch. *Braille* exhibit will give opportunity to children to understand how the visually challenged use their sense of touch to read. They can explore several other senses like vision, smell etc. in this section. A *chair of nails* provides comfort of sitting contrary to our perceptions and apprehensions.

Normally, people dance to tunes or music. But in this gallery, children can dance on the floor piano and create musical notes. There are opportunities to check one's *ambidexterity* or even *shooting skills*. Children can check their reflex actions either by an electric shock, of course very mild, or see how their involuntary muscles make them react quickly. They can also check on their own about their colour perceiving capabilities using the Ishihara charts for colour deficiency.

In this gallery, children are also given exposure to environment they live in and

Children should be taught how to think than what to think.

its importance for life sustenance. In the environment section, children will learn about energy, climate change, man-made or natural & living or non-living objects, importance of trees, mammals, concepts of *good and junk foods*, agriculture produce etc. The exhibits in this section will help children to understand and appreciate global interest viz. climate, ecology, farming etc.

In another section, children are exposed to some STEM related concepts through exhibits like *Brahma's Tower*, *Inter-changeability*, Early Counting Devices like *Slide Rule*, *Abacus*, *Tessellation*, *Geoboard* etc.

The specially created section for children up to 8 years of age will be the most sought after section of the Children gallery. The *Ball Pool*, special Rides, Games, Exercises and Activity Corner in the section will provide young visitors an exciting experience.

