



Monthly Report Of Innovation Hub Arunachal Pradesh Science Centre For May 2022

Submitted to:
Innovation Cell
National Council of Science Museums
Ministry of Culture, Govt. of India
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EXPLORE

SUMMER | 2022 SCIENCE CAMP

Theme: Out of Digital World

15 Days - 3 May to 21 May

Summer Science Camp (SSC) 2022. The theme of the year SSC was “out of digital world” so the aim was to deliver child from the gadget’s addiction and let them encounter the real childhood life that 90s people once lived. SSC is designed for enrichment of the child’s learning in new skill, exploring art, athletic pursuits, scientist inside child and igniting the virgin brain to think scientifically.

Summer Science Camp 2022				
3rd MAY Jersey Logo print Gardening	4th MAY Micro green, Painting & Games	5th MAY DIY (Crochet & Flower making)	6th MAY Electric Toy Car making & Games	7th MAY Origami & Outdoor Adventure
10th MAY Nature Painting & Knitting & Basic Stitching	11th MAY Micro green, Painting & Games	12th MAY Soft Toy Making	13th MAY Health & Hygiene, Adolescence Education Self-defence	14th MAY Astronomy & Music
17th MAY Photography, Pebbles Art and Bamboo Crafting	18th MAY Magic Show & Physic Activities	19th MAY Outdoor Adventure Competition	20th MAY TREASURE HUNT	21st MAY Valedictory

Introduction:

The idea behind the Summer Science Camp is to build a children's community where they come together to have fun while learning lifelong lessons. The setting of the camp is such that children start developing a sense of independence while trying new adventures. The summer science camp activities will help develop a variety of social & technical skills including communication and conflict resolutions. Each day is set with two different pair of activities that aims at -

- # Enhancing Children's Leadership Skills
- # Building Friendship and Learning Social Skills
- # Improving decision making skills
- # Improving Communication Skills
- # Developing resiliency and confidence
- # Continuing fun learning education in the summer
- # Developing life-long skills
- # Embracing the outdoor activities
- # Unearthing New Hobbies

A total no. of 56 Children's has been registered for the first camp which will continue for a period of 15 days i.e., from May 3rd to May 21st with a 2 days break period.

The development that occurs through camp experiences including the social-emotional learning environment that camps foster, the myriad of opportunities for physical exercise and growth, and, perhaps most importantly in our current world, the break from screens and technology—is essential. By the end of their experiences, they will come out with new skills, lasting friendships, and more rounded personalities.

03.05.2022: JERSEY LOGO PRINT & PASTING

On the first day students were engaged in Logo printing & pasting on their own jersey respectively, along with logo, their name was also engraved and pasted.



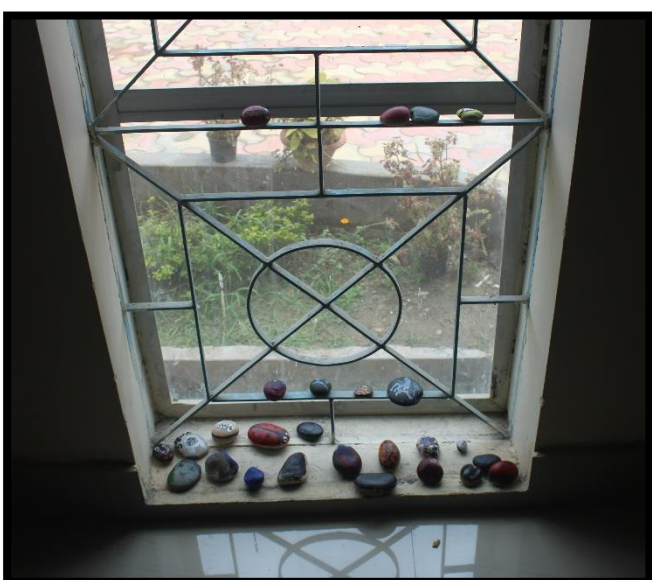
03.05.2022: GARDENING

After logo pasting the next activity was gardening. Students were made to perform all the task required for gardening by themselves. Gardening is known to develop various skills like responsibility- from caring for plants, understanding as they learn about cause and effective of plant growth and death, self-confidence from achieving their goals and enjoying the food they have grown.



04.05.2022: PEBBLES ART

Pebble art enhances the creative thinking and creativity of children. It allows children to use art form as a way of speaking their mind. What they think they create.



04.05.2022: MICRO GREEN

Harvesting and various process includes in harvesting of microgreen was done by the children. Unlike larger herbs and vegetable that take weeks or months to grow, microgreens can be harvested and eaten a week to 10 days after the leaves have developed. It requires lesser space, minimum maintenance and it have much more nutritional value than normal vegetable.



05.05.2022: DIY (CROCHET & FLOWER MAKING)

Crochet making gives children a good way to focus their energy and keeps them out of trouble. When crocheting, children will end up getting good practice in problem-solving and even a bit of simple math. Crochet is a very calming hobby. With continued crocheting, child's cognitive functioning will increase.



06.05.2022: ELECTRIC TOY CAR MAKING

Students are given basic knowledge of electrical components and working of motors. They assembled all the parts to make an electric toy car and competition among them was also organized.



06.05.2022: GAMES AND SPORTS

Key components of games are goals, rules, challenge, and interaction. Games generally involve mental or physical stimulation, and often both. Games help develop practical skills, serve as a form of exercise, or otherwise perform an educational, simulation, or psychological role. Students were made into groups and let them compete in sack race and tug of war.



07.05.2022: ORIGAMI

Origami helps develop hand-eye coordination, fine motor skills, and mental concentration. The use of the hands directly stimulates areas of the brain. Origami is used in various therapeutic settings, including art therapy and in stroke and injury rehabilitation.



07.05.2022: OUTDOOR ADVENTURE

Many outdoor activities naturally help young children develop essential motor skills like coordination, agility, balance, and dexterity. Kids who are encouraged to explore outdoor environments will put their abilities to the test and constantly develop new skills through trial and error



10.05.2022: NATURE PAINTING

By working with natural objects, children are exploring their different textures, shapes, and colours, all while building fine-motor skills. At the same time, painting with different items-say, a twig and a leaf-gives kids an intro to the scientific concept of cause and effect.



10.05.2022: KNITTING AND BASIC STITCHING

Knitting and stitching helps children to exhibit better social behaviours, increase in sense of teamwork, and state that they feel calm and happy when they knit. It can also help ease anxious or self-conscious children by presenting them a way they can cope with stress.



12.05.2022: SOFT TOY MAKING

Aside from providing a sense of comfort, soft toys also help children develop their social skills. Stuffed animals can help them immerse in pretend play. This can include mimicking what is familiar to them like pretending to eat food, pretending to talk with mum or dad, pretending to play with a sibling or other friends.



13.05.2022: HEALTH AND HYGIENE

Children who practice good hygiene have more success in their developing social and eventual professional lives. One of the most important personal hygiene habits that children need to learn is how to properly wash their hands. Proper hand washing is a simple and easy way to rid your child's hands of those disease-causing bacteria and to keep them healthy.



13.05.2022: EDUCATION SELF DEFENCE

In an age when the bullying epidemic in school and as well as outside their homes is a huge problem, it is important to ensure that our children can defend themselves if the need arises. Some of the values that self-defence teaches includes integrity, humility, honour, respect, courage, and discipline.



14.05.2022: ASTRONOMY

Astronomy can be used to illustrate many concepts of physics, such as gravitation, light, and spectra. Having a background in basic astronomy can help kids to more fully comprehend classical literature that refers to stellar observations. Also, the history of mathematics is inextricably bound to the history of astronomical studies. By thinking of the possibilities of what can exist in the infinite miles beyond our planet, they can push their imaginations and ignite their natural curiosity.



14.05.2022: MUSIC AND DANCE

Music ignites all areas of child development including intellectual, social-emotional, motor, language, and overall literacy. Music also expands communication & imagination and boosts IQ. Exposing a child to different types of music can help create more pathways between the cells in their brains increasing Child's Sensory Development. Children who play instruments have improved hand eye coordination over those who do not.



17.05.2022: PEBBLE ART

In an age where children find it hard to sit still without an electronic gadget in hand, pebbles art are wonderfully calming activity. It can bring down stress levels of both parents and children and can also serve as a great bonding activity. This activity is great because it allows the children to really get to use their imagination.



18.05.2022: Magic Show and Physics Activities

A good Magic Show is a combination of science, art and comedy to arouse the children's curiosity and draw them in by capturing their attention with good jokes and interesting stories. Believing in magic allows for children to have a flexible and curious mindset and creates a sense of wonder. These attributes tie positively into a growth mindset, which allows for possibility, creativity, and playfulness.



20.05.2022: TREASURE HUNT

Final activity of the camp was the "Treasure Hunt". A treasure hunt is all about looking for something and then finding it. An outdoor treasure hunt game encourages children to be active and to explore. This is one activity that compels kids to be absolutely focused. Following directions, navigating spaces, reading, and comprehending clues or maps or instructions teach kids many necessary life skills. As a result, their listening skills and concentration power both gets enhanced. Playing this game requires kids to work in a team, solve puzzles together, spanning out to look for clues and find the treasure. It teaches them to interact with each other, understand what the other is saying and try to solve the clues together to win the game as a team. It trains them to communicate effectively, act responsibly in a team, and improve the very important requisite of social skills.



21.05.2022: COMMUNITY FEAST/VALEDICTORY

Children were asked to bring home made food on the last day of the camp and then foods were shared equally among the children, this teaches children to learn the basic significance of sharing is caring.



CONCLUSION

The aim of summer science camp was successfully conducted. All the activities chalked out were done and fulfilled as per the plan and agenda. The idea to share knowledges on various field may it be science or any other field and also to bring out children from the world of gadget by doing fun activities was a success. In the end both children and their parents were happy.



Individual membership	62
Institutional membership	03

Total Program Participants	:56
General total visitor	:1773
Cumulative total visitor	:28809