

CONCENTRATION GROUP

Total no. of children: 15

Age group: 8 – 10years

Report for 2nd Term: Oct'12 - March 2013

Observations on Group

General Behavior:

The children in this group are very friendly, they like to work together and are very helpful. When children face problem with one another they are encouraged to think how they can find a solution to the problem themselves. Most of the time they are able to resolve the problems. Sometimes we explain to them through stories the benefits to good behavior.

The children like outdoor games such as cycling, football, skipping, kho-kho, kabbadi, racing, Den and indoor games such as carom, ludo and snake and ladder.



The children enjoy mental math. They have learnt addition, subtraction, multiplication and division but some children are weak in multiplication and division. We make them practice through giving objects to them.



All the children enjoy their character which they enact in the drama. They easily remember their dialogues. They enjoy folk dance, *Bharatnatyam*, *kathak*.

On the celebration days like *Darshan* day, Pranjal bhaiya's Birthday and The Mother's Birthday the children did dances on different *Bhajans* with great enthusiasm.



Festivals

On **Diwali** they make 200 *diyas* for children of the whole school.



On **Christmas** the children created a story on Santa Clause named 'Santa Clause comes on Christmas'.

On **Pongol** the children celebrated by lighting a fire with sticks from the field and they put into the fire all their bad habits so they may be good children.



MAKAR SANKRANTI was celebrated as done in Odisha state. The girls wore sari and the boys wore Dhoti. The girl also put *altaa* on their feet. The children put *Chandan* paste, turmeric rice as *tikka*. The children washed the feet of all the guests with turmeric water. The Prasad of *Makar chawal*, papaya and cakes made from *murmura* was distributed.

PROJECTS

Project 1 - Plants

AIM: - To recognize different flowers, fruits and vegetables plants in the school and in the Ashram garden, so that children can help the outsiders recognize them.

Children made pictures of different plants while sitting in the garden. They made names tags in Hindi, English and Sanskrit. They know The Mother significance of different flowers. They made cards through pasting, drawing and painting. Children created a group song and individual story books on Plants.

In SISHU MELA (children festival in Koraput) they arranged flower juice stall with juice of hibiscus flower.



1. Practical on different soil.

Different kinds of soils were discussed:

- a. Humus
- b. Mixture soil
- c. Red soil
- d. Clay soil
- e. Sand
- f. Gravel

We took 7 tins and made some holes at the bottom of them. Then we put a different soil in each tin. In the last tin we put all the soils one by one and put water in them.

Learning outcome: The children observed that in the sand and gravel soil the water passed easily, but in the clay and red soil the water was held for a long time. In the Humus and the mixture soil water did not pass but was absorbed completely.

2. Practical on Seed Germination:

We prepared the small compartments with bricks on the ground and put different kinds of soil in each compartment. Then we hide the seeds in the soils and covered it with green cloth.

Learning outcome: They observed that the plants grew at different rate in different soils. The seeds were hidden with green cloth give the Green-house effect.



3. Practical on growing the plant by grafting.

For this the children brought clay from the river and mixed with it with cow dung. We took a stem of Bougainvillea flower plant and removed its bark. Now we covered the stem with the soil and rapped it with the cotton cloth to protect the soil when watered.



4. Practical on photosynthesis

Some children asked that why the leaves of the plant become green in color? And how do they cook their food? So we did the practical on the Photosynthesis. For which we took a plant and put it in the dark without giving water.

Learning outcome: They learnt that:

1. Without air, water and sunlight the leaves of the plant became yellow and started dying.
2. The process of making food by the plant in the presence of sunlight, air, water, mineral and chlorophyll is known as Photosynthesis.
3. Leaves look green due to chlorophyll and the leaves of the plant are known as the kitchen of the plant.

Project 2 - Science Toys

AIM: To explore the thinking, concentration and the observation power of the children.

Every one enjoyed this topic very much. This was the first topic where we introduced them to science. We made many toys. They were interested to create their own toys. The main thing of this project was that all the material used was waste material.



They made the following toys:

- I. Magic wand
- II. Whirling wool
- III. Ghirni
- IV. Wind mill
- V. Floating egg
- VI. Bouncing egg
- VII. Parachute
- VIII. Tick-tick
- IX. Attraction power of balloon and comb
- X. Simple spinner
- XI. Rabbit
- XII. Simple whistle
- XIII. Magic
- XIV. Rotating fan
- XV. Magic fan etc.

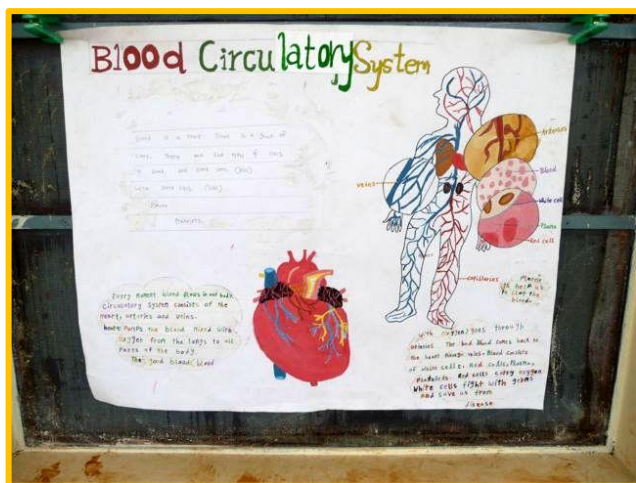


Learning outcome: They learnt basic concepts about

- electromagnetic force
- Air pressure
- Friction force
- Tension of rubber band
- Density
- Acid
- Paper folding
- Types of angle

Presentation: During the presentation of the project the children were very excited in showing their toys. All the children of other groups enjoyed it very much. Some of the toys like *Ghirni*, tick- tick and whirling wool became very popular among the children.

Project 3 - Me and My self



Aim- To know about themselves and their relatives.

We visited the village and met the children's families and took their photographs. They drew the picture of their family member and indicated their relation with them.

In the body parts we introduced them to the internal and external parts of the body. They learnt about Cell, Tissue, Organs, and Organ System.

Practical on Blood Circulatory System

We used a bottle to demonstrate the heart, some juice straws for arteries and veins, colored water for blood and a bowl for other body parts. We filled the water in the bottle and fixed three juice straws in the bottle and made it air tight with the wheat floor dough. We asked a child to push air through one straw, the water start going from bottle into the bowl and when he pull the air back then the water from the bowl come back to the bottle.

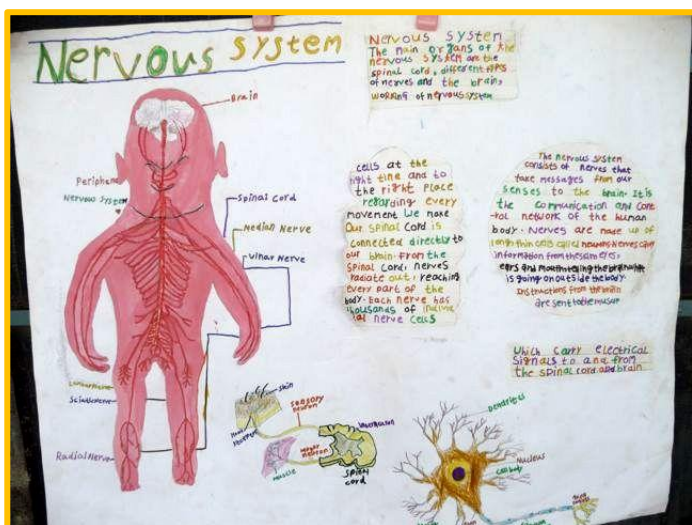
Learning outcome: They learnt:

- How the blood circulatory system work.
- What are the functions of heart, arteries, veins, lungs in this system etc?

They did a dram to show the function of different components of the circulatory system.

Practical on The Nervous system

We made a toy to understand this system. We took a pair of wire for Nerves, a bulb for the Brain, and 3AA size battery for supply of energy. We made the picture of the body parts with their names and put it in box. We made holes in the name tag and the pictures. We first wired the bottom of the box with the aluminum sheet. Then we made a circuit of the bulb, wire and battery. When we put the circuit wires on the picture with their correct name, the light glowed.



Learning outcome: They learnt

- The working of the Nervous system.
- Input and output of messages through our sense organ.

Presentation

They made different games on senses, jumble words, toy telephone, puzzle, Riddle. They displayed their books.

Project 4 - Bicycle

Aim: To know the basic concepts of bicycle and its maintenance.

Project Activities:

1. Discussion

Children asked many questions like who invented the bicycle, how they rode the bicycle in olden days and what kind of components were used to make it. We also discussed the history do the bicycle.



2. Making the Model

They made different kinds of models of the bicycle by using waste material. Nilamber make a bicycle in which he fitted the wind mill on the wheel, as air blew the wind mill automatically moved. Mahadev put a broom to make the bicycle fly like a witch-on-a-broom.

3. Observation of different parts

We took an old bicycle and opened all its parts one by one, and made labels for it.

4. Function of different Parts

They learnt the name of all the parts of the cycle and their functions such as: handle, brake, brake liver, pedal, saddle, tire, tube, valve, rim, spokes, free wheel, chain, chain guard, brake cable, dynamo, hub, frame, seat post, clamp, nut-bolt, tire threads, stand, dust cap, bearing etc.

Learning outcomes: They learn about

- a) Working of different parts of the bicycle.
- b) Maintenance of the bicycle.
- c) Use of Dynamo in the bicycle.
- d) Different shapes of the parts like circle, spherical, cylinder, triangle.



Poem made by the whole Group

During the circle time all the children concentrated for a while and expressed about the different qualities of the flower which they wanted to inculcate in themselves. After sharing they gave their ideas into a poem form. Children also enjoyed singing it in tune.

Flowers pray to the God
Give me strength and health
Give me colour give me fragrance
Give me love and faith

Flowers give us life and love
Flowers give us smile
Flowers sing in sweet voices
La la la la la la la la.....

Flowers are soft and tender
Flowers grow towards light
Flowers are pretty and cute
Flowers look so bright

Flowers blossom with the sunlight
Flowers play with all
Flowers sing flowers dance
Flowers big and small

Flowers play with butterfly
Flowers touch the sky
Flowers have many many friends
Sometimes they feel shy

Flowers are calm and quiet
Flowers are so kind
Flowers are always happy
Flowers dance with wind

Flowers are sharing and caring
Flowers share nectar
Flowers make the place beautiful
Flowers live with all
Flowers sing with all
Flowers dance with all
Flowers pray with all.

Group Story

Children of this group like to make stories with their imagination and fantasy. A story which they made is as follows: There was a river. Many dahlia flowers were living there. One day they thought of going to a new place. At last they reached a forest where they saw a baby elephant playing happily.



One of the dahlia asked him, "which flower are you?" The baby elephant replied, "I am a forest flower and I live in this forest. I also have so many flower friends." The baby elephant ran and called his friends squirrel, rabbit, tigers, birds, butterfly, snake, monkey and horse. Seeing so many different flowers, the dahlias became surprised. The baby elephant and his friends called the flowers to their home and told them to stay with them. But the flowers asked, "This house is so small how we can stay with you?" The squirrel said, "this is a magic house which can be very big and very small." Suddenly the elephant chanted a spell and the house became very big. The dahlias lived with the baby elephant and his friends happily in that forest.