

Activities in Last two months

In this long time of un-touch moments our activities for publicity and internal day today work was going on....

I want to write about that Few activities we done and just now we are getting the results of that activities

- Schools started on 10th November Because there was Dipawali Holidays from 18th Oct to 10th Nov. and before that from 11th Oct to 18th Oct there was Mid term Examinations in the schools.
- So the teachers and children were not available in this period. Here we decided to go personally to introduce our center to them by visiting their school.
- So that when children will come to schools after holidays they will plan for visit to center.
- For this we decided to take help of field workers team of Musa sir.
- We decided a meeting with the 10 team members and fixed the schedule for visiting schools before children go for the holidays.
- In these 8 days we visited almost 37 Schools including two Diploma in Education Colleges (The students of this Diploma will become teachers of tomorrow).

Preparation for visiting schools

- I and Vishnu prepared some material for the visit like pamplates and information letter for head master.
- Suryakant sir gave us detail speech to talk with Children and teachers. In Which some important instructions we have to tell them?
- We created one presentation slide show. At the same We were having “Tanogram” with us.

Actual visits to Schools

- First we were meeting with the Head Master and Science subject teacher team of the each school we were telling them the objective of the center.
- What is the center?
- What they will get while visiting their?
- We were telling them that they can arrange a one day trip for the children, so that children will spend their total time in the center
 - . They will learn about the magic in science, Science in their day today life.

- they will learn about the new handmade things they can create by their own, at their home.
- They will think about the different issues by seeing the films. Water energy, light energy and also Gender issue. Etc.
- we are also showing them the Photographs so that they will get the idea of center and attract immediately.
- We find lot much curiosity about the center in the children while we were talking with them. We were taking 5min. time from the Head master to talk with the children to tell them about the center and told them that it is necessary to attract children towards center.

Quite Interesting

- While talking with the teachers, they were saying that it is difficult that children will be ready to pay this much amount for the visit, but when we talked with the children, teachers were surprised that children were ready to pay, because previous experience of the teachers was very bad that they have to convince the parent for the tour and for that they have to call the meeting.
- One of the D.Ed. college arranged half hour program for their students to know about and to talk about the center. After this program teachers and students were enjoyed solving the “Tanogram” Puzzle for near about 20 minute.
- In Two schools we find Mr. Secretary of school committee sanctioned special budget for the visit in the discussion.
 - Contrary we meet two headmasters saying that “ What will give the center to School in a Gift in cash if they will visit the center?”
- Most of the school teachers said that they will take a date of visit after 15th Nov. and now we are started receiving calls from them. And more interestingly D.Ed. College is first among those all.

Sharing live experiences.

- We also enjoyed these visits by different way, one day we started early in the morning at 7.30 we were traveling on the two wheeler, when we were on half on the way the motorbike got trouble we have to push it for 3km. because there was no nearby village or repairing center or petrol pump. And again while returning bike stopped working this time, after half an hour hard work it has been started. And we couldn't take food on that day. So that was great and memorable experience.

Getting ready

- From 1st of Nov. we are busy in becoming ready for the visit. We are also facing difficulties while maintenance and cleaning like there was no electricity to make water tank empty, and when there was electricity there was no “electric-motor”, it was under repair, so we have to make it manually and it took 2 days to make it empty and clean. We all also enjoyed this physical exercise.
- There was Maintenance of Water exhibits, as box pump is of acrylic material it should be handled carefully and every after 8 days it should be repaired.
- Screw pump, automobile model, energy circus etc. needs regular greasing and oiling.
- We placed one display board at the entry side to display different photographs of the visitors, and one section is for the on going program of the center.
- One side is for latest science news.

Hobby workshop

- Vishnu and Gavlan both selected 10 experiments each for the session for the discussion like
 1. Basic colors. - this activity is based on Three basic color and combinations here we are using Geletine papar and its colors when any two color paper combine it makes third new color. at the end we mix three colors and it create one different color. this activity is to know the children what are the basic colors. and all the colors which can be made by this three colors.
 2. Media of light.

here we are using laser torch and the different media to pass the light. one is air, second is water, and third is smoke. in different media it shows different results. this activity is to know the children what is light, how it passes through the different media. and the effect on the media.
 3. Waves in water, sound.

Here we are using few straws, we are creating one strip to make in a row. two students stretches the both the end of strip and by one end it is been slightly deflected to make waves. this effect immediately clears the idea of waves of sound to pass from one end to another. one more thing we are doing here that is we are using one glass pot

of water and a stick of wooden to strike it. the waves formed in the water are the eye opener for the children to clear idea of waves formation. it makes clear idea of sound travels in a wave form.

4. Air pressure.

Here we are using one balloon. one glass bottle, and two rubber tubes.

we are making two holes on the cover plate which is of plastic. here we are half inserting the tubes, we are fixing one balloon on one end of the tube and second end is for air flow. the vacuum and pressure effect of the bottle air because of sucking and filling of air is effectively shown by this experiment. it clearly shows the internal and external air pressure on the balloon.

5. Magic of magnet

in this activity we are showing the attraction and repulsion between the magnet. by the combination of magnetic rings here we are showing the revolving pencil without any support except tip rested on the CD piece horizontally.

6. Different type of Paper fan making.

All these are simple and easy handmade a fan by using glossy paper, pin rubber piece and wooden stick, it shows the wind energy, wind power and use of this power pressure.

7. Night sky watching.

Why we can not see the stars in the day?

the model of stars on white paper and black paper background shows the clear effect of the subject. so we are making it so interestingly that the children will make the star model by themselves and they will stick it up on the white and black background.

8. Drawing by toothbrush,

9. Drawing by thread and pencil cover

here we are giving the colors and toothbrush and sketches to the children to make handsfree of drawing. here we are exposing their ideas on the paper and for joy with colors.

10. Dancing Tablets. Etc.

Here we are using Carbon Tablets we called it as a (Dambar Goli) and we are placing it in the sodium salt of water. here the chemical

reaction takes place slowly and it shows the children that tablets are dancing in the water. and that they get excited by seeing that it is magic.

- Vishnu and Gavlan, both are busy in collecting material for Hobby workshop, And making different themes for different exciting and interesting activities.

Gender Issue

- This is a very big issue for us. And it is a part of our day to day life. Everybody is related with this issue.
- In our local society not a single man like to discuss about this issue in his family.
- We discussed this issue with my friend and his family, while discussing I find that the mother of friend is having different opinions about her daughter and daughter in law (i.e. wife of my friend). As Indian families are joint families, it is common and hereditary characters of Indian women it means that when my friend's wife will become mother in law of her child she will think same like now thinking my friend's mother. . (abhijeet says...)

Today though our section of gender on a sample bases or in the preliminary stage, we are trying to take small small experiences from this to develop much more detail and developed section in future in CC. These experiences will help all of us (SEDT, YOJANA and YPS) to develop this section.

- As we placed few 25 posters (printed in general quality for example) we are preparing some discussion points with children as well as teachers.
- After poster exhibitions we are showing gender issue related film too. It is really very impressive and attractive experience for all of them. Discussion is followed by the film. Bellow we have wrote some reactions of children and teachers about this section.
- We are also discussing this issue with our friends who are already working on this subject with various organization and facing and doing different activities related to this issue. Hoping that we will get more ideas for us.

Here are few reactions from Children and teachers on Gender poster exhibition and film.

1. As we have discussed before also about this as a Issue Gender is coming first

time in front of children.. In particularly rural children are far away from this concept because there is not place to learn or understand about this subject. Now when children are coming to this section, first of all they started thinking that In this kind of Discovery centre of CC how this issue can be address ? In Fact one of the school member (teacher) asked me that " sir do you think children will understand this issue ? because they are very small to know this all. I answered him that I think now children only can understand this issue because big people are now very used to Gender discrimination and they are doing it right now all over. So its better to discuss this with children and make them aware about the issue with their level/perspective.

In very next hour when he saw posters and film meena, then he him self came to me and told me that sir this is very easy to understand and why not children can not understand ? every one should understand etc..... Now see the difference between these two approach. I mean to say that many people are having some kind of pre set minds about some social issues like Gender. bust when we will show them some thing from which they will impress and can learn easily then its all different story. Today he had some posters with him for his school and want to develop more with that. I think this is one of the interesting reaction from the teachers.

2. from the beginning we are managing children to see the centre combine with girls. This is very good effects on Gender section (right now we have not fully developed Section for Gender but what ever we have in that) because when one by one pair of one boy and one girl is watching the posters, while reading the posters wording automatically children starts talking each other about the picture. The most Interesting thing is both of them are discussing about the facts as well. Now see, i don't think that these children could have discussed this issue before this. because they directly speaks about what should be there as shown in the picture and what we are doing right now. They can discussed directly on the point like in one of the picture we have shown that Father is cooking the food and Mother is seating a side and asking children for the study- now for all the children this is unbelievable. they have not seen before. but at the same time there is Instant reaction specially from the girl like " yes this is very nice some one should come to my home and should tell my father that see this can be happen some times and why not" (now there are very Interest wording in Marathi typical village language hard to translate in English) but most of them feel that yes this kind of treatment should be there with my mother.

3. What I feel is most of the girls are taking this section very seriously- its clear that its reality that Girls are facing the same problems which are the shown in the picture. so there is always apposite reactions are coming from them that how to tell my Father and mother about this ? talking about Boys- they are also taking this seriously but not like girls because some times boys don't feel any thing wrong from the picture only because they are living with same dignity and for

which they don't feel bad because no one is telling that this is not fair. Now from reading these posters and Films then they could realise that, whatever is going right now is some thing wrong or bad or not clear or can be confused as well. But of course there is not at all negative reactions from them for the single time.

4. Some times children starts laughing while watching the section. May be they could have not imagine what they are watching, this might be the male dominating atmosphere all over so some time small quick reactions like " is it possible ? are u mad can my father cook ? etc... these are few quick reactions but later on all the things are answerable to their pre set mind.

I think above the reactions I could read from the children.. but over all i feel this can be a very good and impressive section in CC, We should develop it more detailed and more intensive too. Children and Teachers will be very happy to make them self aware. (above the reactions I have sent you once but here I thought to add once again for the detail report....Bicky)

Picture.....

It is a great idea that a question and answer software on this issue for the children. I think we can relate knowledge of genetics as a basic of this gender issue. It will educate children about all.

Visits of schools to CC in last Three months.

Date	Name of School	Children	Teachers	Special Note
03/09/08	Rajmata Jijau Highschool, Tq. Palam	92	6	Children like Hobby workshop activity and took part aggressively.
04/09/08	Zill parishad Highschool, Pethpimpalgaon Tq. Palam	87	8	Children like exhibits on light and excited to know about the infinity tunnel and magic bucket and also like hobby workshop activity.
06/09/08	Zill parishad school, Khoras Tq. Palam	68	5	Theater film on "easy science" was the discussion issue of the children.

08/09/08	C.P.S, Tandulwadi, Tq. Palam	94	7	Teachers like Communication game and Gote puzzel
11/09/08	CPS Pokharnidevi, Tq. Palam	59	6	Student like the water exhibit and hobby workshop activity.
12/09/08	Urdu Highschool Nanded	70	8	Teacher and student like human body part section and they were eager to know the long intestine and short intestien.
13/09/08	MSW College Nanded	62	9	All the teachers and student were happy to see the center like CC and like every section of it. but specially the theater and Discussion after film.
16/09/08	Jaikranti Madhyamik Vidyalaya Farkanda tq. Palam	79	6	Children were happy to see films in the theatre.
17/09/08	Z. P. School, Navalgaon	67	8	Teachers were suggested the entertaining games mathematics.
19/09/08	Dr. Zakir Hussain Primary School Palam	78	8	Children wanted to play for more time.
20/09/08	Z.P. Middle School Nava	88	6	Children were happy in the hobby workshop and question and answer session.
23/09/08	Narenra Giri Highschool, Raorajur	69	9	Teachers said that they never seen the center like this in the region
25/09/08	Savitribai Ashram Shala Tandulwadi	84	7	Students demanded the Agriculture section development in CC.
27/09/08	Veer Savarkar HighSchool Ukkadgaon, Palam	79	9	Hobby workshop activities were like very much by the student and teachers.
30/09/08	Z.P. Primary School Chatory	68	6	Botanical Garden and Agriculture section demanded by the visitors.
01/10/08	Zill parishad school, Khoras Tq. Palam	70	6	Suggested for more water exhibits in the CC.
03/10/08	M.F. Resi. Handicapped, Azamabad	78	8	Energy park suggested by the teacher.

06/10/08	C.P.S, Tandulwadi, Tq. Palam	76	7	Children suggested more activities in Hobby workshop.
08/10/08	Z.P. Highschool, Pethshivani	72	8	Children demanded Electronic and electric section in CC.
10/10/08	Z.P. Highschool Dhanewadi.	87	5	All were happy to see the films and suggested films on Wild life.
13/11/08	JaiBhavani Ashram Shala, Mausamabad TAnda	66	7	Children suggested the Film week for school.
15/11/08	Z.P. Primary School Anjanwadi	75	8	Everybody wants to know more about scientist and science.
17/11/08	Z.P. Primary School, Anandwadi	89	5	Student like the water exhibit and hobby workshop activity.
19/11/08	Z.P. Middle School Nava	98	8	Children like Hobby workshop activity and took part aggressively.
22/11/08	Z.P. Primary School Sirsam,	94	7	Teachers suggested the computer games and section for children.
24/11/08	Z.P. Primary School Chorwad	89	9	More magic in light section and Sound related exhibits.

- All above are the short details of the visits to CC.
- After film show of the every School we are taking an activity of discussion on the CC Visit. We call few representatives of the children on the stage and get the suggestions.
- we also call the teachers to speak about the CC, the subjects of the sections, facilities available, suggestions and information.

Our learning's

- we learn lot much from these visits, from children and teachers.
- children like to play more with the exhibits like energy circus, and centrifugal force exhibit.
- children also like to see the films.

- initially they don't like to learn in the hobby workshop but after 2 or 3 experiment they takes part in it aggressively.
- Now once we have tried to make drama session in Gender section with our Mr.Shahir. It was very very impressive time. In fact we could not take a video of that but in next week we are planning to make it again and will have video of that, why we are saying this in learning's ? because in is a part of our future planning regarding this section so we can say that children will love to take part on this.
- **Regarding Facilitation Part** – With the past 3-4 months experience we feel that though our facilitators are able to manage many children's but when there are around 100 children in the CC then its get bit hard to handle.
- In future when we are planning to develop different sections that time we have to see how we will be able to keep or maintain facilitation work with every part of the cc. because as we are taking experience from this all, everywhere children needs to be facilitate in detail which is very important too.

Difficulties or questions while working

1. Some schools are asking for the CC visit, who are having the childrens of age group 5 to 8 but they are only coming for enjoyment and school trip.

In this case what plan we should in front of them?

What should be the answer to them ?

And if possible what we can do for them ?

2. Discussion with children on every exhibit is not getting possible- As we have told above we are not able to deal with every children with every exhibit. As we have seen many times children loved to ask any thing related

to the exhibits but practically we can not go to every where because in total we are 3 facilitator and we have to take care of 50 or 80 or 100 or some times more than that. So in this case what should we do ? what should be our strategy in this regards ?

3. Children's are mostly attracted towards the play exhibits like water exhibits, energy circus, centrifugal force, revolving chair.??????

Future Plan:

1. We are looking forward to arrange 5 schools a week. Right Now there is unpredictable visits also are happening. But on regular basis there should be five schools per week.

2. Now in this week we again started sending letters to 1150 schools of the district for visit. We know that we are taking very big area to send letters but as per our previous letters before one year this is more detailed and well explanatory to all schools. We feel that now there is little bit publicity has been made in many schools through mouth publicity. So it will effect when letters will reach to their schools. They suppose to call us for the booking and accordingly that we can manage the visits.

3. At the present we are having booking of 6 schools in a row and 17 schools for next one and half month. We hope this will work as per the planning.

Above the plan for next visits from the school is made between SEDT and schools directly. In this there no Govt. is involved at all, I am feeling very bad to say that our CEO has been transferred to another district and still there is not proper placement or any official CEO has been came. So whatever plan we have made with the old CEO is went in the shelf and now we have to wait and see what next one will take steps towards CC planning. We all hope he or she will think positively.

But after happening this all we felt very sad that we all have spent more than 2 months in this process and made such planning with past CEO but there is not proper word for this than..... **UNFORTUNATE.**

Few interesting Photographs.....