



NEW CREATION GROUP REPORT

April - Sep 2014

Hard work, dedication and perseverance have been a constant with the New Creation group. In the last six months we have not only experienced academic improvement but also these months have been very fulfilling creatively.

Hindi

They are pretty fluent in reading but not in writing, they tend to make mistakes with *matras*. During dictation, the teacher has to really stress on word pronunciation so that they can get the spelling correct. They are currently studying grammar and seem to be picking it up pretty well. Some people like Kamlu take more time to grasp the language.

Our objective has been to improve the grammar in these last six months. For this we have used stories that they have read, written and narrated. After writing the children check their own work from the board. They have been able to write quite well and have improved their writing in the last six months. They have covered word meanings, antonyms and synonyms, gender (male, female, neutral), nouns and their categories, pronouns and tenses (future, present, past).



Oriya

New Creation learns Oriya once a week. In the last six months, the progress has been slow.

However, they have done a few activities as listed below:

Activity 1 – Story- telling by the teacher

Activity 2 – Conversation with children about mythology

Activity 3 – Reading books aloud

Activity 4 – Copywriting from books or blackboard

Activity 5 – Dictation of simple words

Activity 6 – Discussion about simple formation of letters and use of *Yukta Akshyan*

Activity 7 – Songs: *Raja doligeet*, *Maaaamakujee banpathe*, *Vinayodhakaridadha*, Season – Autumn (with actions)

Sanskrit

We mostly do reading and study grammar of the language. We are gradually getting better at sentence construction. The students are progressing at a good pace in reading and their pronunciation is also improving.

English

The entire New Creation group is comfortable with the English language. They can speak English fluently and most of them can also write in English well. Some of the students still struggle with correct spellings and sentence construction but there is constant improvement. Stories are regularly shared in the group, both in spoken as well as written form. Story telling is an enjoyable and an interesting way to learn the language better.

Science

Project 1 - Science & Technology

This project was about science and its branches. We also discussed the safety rules that need to be followed in the lab.

Project 2 - States of Matter

During this project the children learnt more about atoms and molecules, solid, liquid, gas and their properties. They studied the difference between mass and weight, water cycle, distillation, heat expansions (ring and ball apparatus).



Project 3 - Chemicals and chemical changes

The basic aim of this project was to introduce the lab and the chemicals to the children. They learnt about elements, compounds and mixtures. They learnt element symbols and chemical formulae of some compounds. They learnt the classification of substances on the basics of acid, base and salt.

Project 4 - Soil

For this project we collected soil from different places in Kechla and chemically tested it for the presence of carbon, phosphorus, and potassium and their pH-value. The children also made the test report for the soil.

Project 5 - Electricity

The children learned the basic information on the electricity. They also learnt about insulators and conductors of electricity. They also learned about atoms, molecules and electric current. They did an assignment based on the project and make a Daniell cell using the common slat, wire copper and zinc plates and water.

Project 6 - Measurement

The history of measurement was discussed. The children also learn about length, height and weight, SI unit, standard unit and non- standard unit, temperature and its units and conversion and physical quantity and symbol. They did practical on speed, distance, time and temperature.

Project 7 - Force

In this project the children learned the basic concepts of force. They also studied about gravity and friction. They collected information about Sir Isaac Newton and did some experiments on force, friction and gravity.

Project 8 - Natural environment

In this project we included the topics like ecosystem, living and non-living, natural environment, food chain, photo synthesis, chlorophyll, food web, autotrophs, hetrotrophs, saprotrophs, herbivores, carnivores, omnivores.

Project 9 - Parts of a flower

During this topic we discussed on the external and the internal parts of a flower and decoct and monocot seeds.



Project 10 - History of Life on earth

In this project the history of life, scientific facts of the universe were discussed. Then the children answered questions from the book.

Project 11 - Human Body

They learned the external parts of the body in Hindi and English. They were introduced to cell, tissue, organ, organ system.

Project 12 - Health and Disease

In this topic they learnt the meaning of health and disease. We discussed about pollution and its effect on health and its diseases. They also learned about the diet, nutrients, deficiency and communicable diseases.

Project 13 - Birds

The children collected information of different birds. They learned the internal as well as external body parts of a bird and its functions.

Project 14 - Physical and chemical Changes

The children were taught about chemical and physical changes. They did experiments of the chemical and physical change.

Project 15 - Scientific classification

The children made pictures of living organism and classified them according to kingdom, phylum, order, class, family, genus and species.

Project 16 - Body parts of a fish

Each child was assigned a particular type of fish, which they had to research. One of the fish that were discussed was the flounder fish, which can change its colour using its pigment cells. We also discussed about puffer fish, swordfish and electric eel among others. We also discussed the marine food chain in which plankton is the basic organism followed by small creatures and plants and larger fish and ultimately human beings. Each child did an excellent job of presenting their projects in front of the whole school.



Math

The children of this group are doing Mathematics from books of different levels. Five children are working with book VI, seven children are working with book V and two with book IV. Most of them are learning through their mistakes and rectifying it. Few are struggling when they are asked to rectify their mistakes. Some need constant help from the *diyas*. In understanding measurement, money and time, some children are taking more time than the others.

Geography of India

The children were divided into two groups and were given an exposure to the general geography of the world, including mountain ranges and their formation, continents, oceans etc. The children were told about how the globe is divided into latitudes and longitudes. The children tried to make their own maps of India in their books, marking deserts, coastal plains, northern plains and plateaus and how they were formed over time.

Sports

By and large, all of them enjoy playing as long as they are infused with the right energy. There are times of course, when they tend to just laze around if things aren't going to their liking but a little cajoling can get them back on track. In the last few months, all of them have showed improvement in their general game sense, sharpened mental presence, passing and weaving around a lot more and taking more effort while shooting.

