

# PERSEVERANCE GROUP

Report for 2023-24 (First Term)



## Social science

Social science is a new subject for them as they had been doing project class. They were very excited to start the proper course of social science and that too the 6<sup>th</sup> class. They knew that it would be difficult for them at



first for them to understand the concepts but were prepared to face the consequences. This spirit of the children were appreciated by the teachers and soon started the proper class of social science. The social science course was started by studying the civics part first as Pranjal bhaiya was there to guide and introduce the chapters to the children. It was difficult for them at first to understand the concepts and as it was new to them, so,



many different ways was adopted to make them understand such as by giving lot of day to day examples, videos were shown to them, and full explanation was given to them, words meaning and definitions were told to them and had it written down in the notebooks so as to make their doubts clear. Many of them understood and got familiar with the concepts and were also able to answer the questions correctly and the others they took more time to understand but they understood and had no problem later on.

Sulochana didi from Delhi who was here for some days also took their class and made them understand the meaning of government, about the functions of a government, how the people elect the government and also about the local administration as well as the urban administration. She took them to the village in order to see the workings of the government that took place in the village. She along with the children also did a survey of the people living in a place and members living in a family. She







also explained about the members of the panchayat and also about how many members of the village are a member of the panchayat. She made them write the number of the villages that

composed a panchayat. She took an interview of the person in charge of the Anganwadi (courtyard shelter) in front of the children as to make them know the functions of an Anganwadi and also of the person in charge of it. This way the doubts of the children was cleared. She made them understand more about the local government, information about the urban government was also given to them and comparison between these two were written down by the children. In order to make them understand about the election system of India, she made them elect a group monitor in the same way as the people chose their representatives. The children enjoyed doing these activities with her very much.

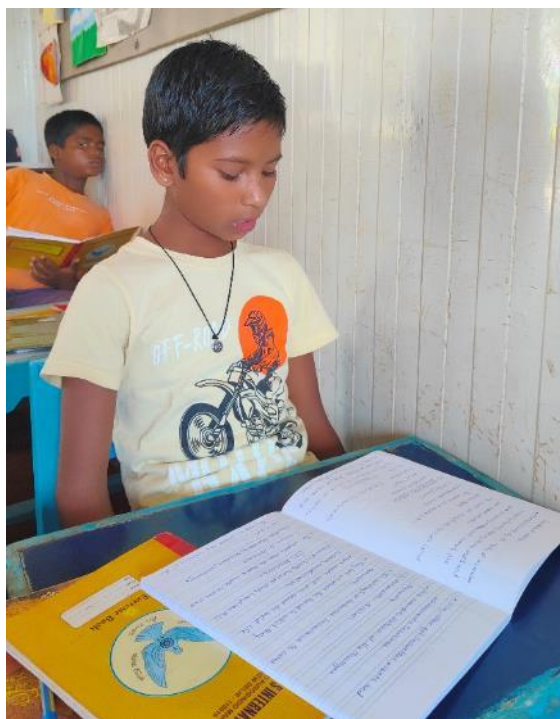


They did answered the questions themselves and had it checked by the teachers, notes was also given to them from which they revised and gave tests. They understand better when notes are given to them by simplifying the concepts. They first completed all the chapters and then gave the tests, it took a little time for them to revise all the chapters again and give

the tests. In the tests many of them obtained good marks while the others had to put more effort in memorizing the chapters all over again. The children who were having difficulty in understanding the concepts were made to clarify the concepts individually by giving lots of examples and writing the definitions down. Videos related to the concepts were shown to them in order to make them get an image in the mind, that could be helpful to them while giving a test or while answering the questions. They need to improve their spelling and focus on the sentence structure. They are able to understand the concepts but they are unable to put it down in writing.



They have completed the civics part of the course and have started on to history. They found history much easier and interesting to understand as they seem to be very fond of reading about the kings and the queens and to know about the interesting facts related to history. The tests that they gave of the historic chapters were far better than the chapters of the



political science. Many of them are obtaining good marks at one go. They have completed 5 chapters of the 12 chapters, some of them need to put more effort in writing the concepts according to their understanding. The notes of these chapters were written by themselves and some notes of the difficult concepts were given to them by the teachers. They need to work hard in order to memorize the dates and the events that had happened in a certain period. All of them need to work hard to increase their attention span. They can do better than what they have been doing until now.





## Mathematics

In the Perseverance Group, there are a total of 21 children who are displaying a keen interest in learning mathematics. The majority of these children have progressed to working on the 6<sup>th</sup>-grade mathematics book, while some are continuing to study at the

5<sup>th</sup>-grade level. Most of the children have demonstrated a solid understanding of mathematical concepts, while a few require additional time and special attention to clarify any doubts.

Specifically, some students were initially falling behind in their studies, but after receiving extra support and attention, they have begun to exhibit positive results. The children working on the 6<sup>th</sup>-grade book are putting in remarkable effort to grasp new and challenging concepts, such as Integer, Algebra, Linear Equation, and Ratio and Proportion. Despite the initial difficulties they encountered with these chapters, they have started showing marked improvement.



To gauge their understanding, the students are regularly tested upon completing a chapter. These tests help in assessing their comprehension and identifying areas that may need further attention. In addition to regular coursework, students are also

exposed to mental math questions and word problems, which contribute to enhancing their independent problem-solving abilities. Occasionally, math-related games such as Jodo Fraction and Decimal Kit are introduced, with the children's favourite being Monopoly.

## Science

The Perseverance Group's journey in the realm of science has been marked by enthusiasm, active participation, and a strong drive to learn and understand.



**Group Discussion and Participation:** This group is characterized by their receptiveness and active involvement in class. Before delving into any topic, the students engage in group discussions, which foster peer-to-peer learning, teamwork, and communication skills. These discussions serve as a platform for students to learn from each other and ask questions based on the topic at hand. Active participation is a hallmark of this group, both in discussions and during practical activities and experiments.





**Learning Highlights:** Over the past six months, the students of the Perseverance Group have diligently covered the 1<sup>st</sup> to 5<sup>th</sup> books of "Living Science" by Ratna Sagar. Their exploration included:

**1. Plant Life:** Children delved into the intriguing world of plants. They learned about the various types of plants that grow in different settings, such as Kharif and Rabi crops. Understanding the functions of stems, roots, leaves, and the remarkable life cycle of plants, from a seed to a full-grown plant that produces flowers and seeds, captivated their curiosity. The topic of insectivorous plants further piqued their interest, as videos were employed to illustrate how carnivorous plants catch insects for sustenance.



### Experiments and Activities:

- Children examined various plant types, highlighting the differences between fibrous and taproots.
- Stomata on leaves were observed under a microscope.
- They conducted laboratory experiments to determine the presence of starch in green leaves, emphasizing the role of chlorophyll in photosynthesis.
- Germination of gram seeds was explored, showcasing the requirements of temperature, air, and water for successful germination.



**2. Animal Life:** In this chapter, students were intrigued to discover that humans are part of the animal kingdom. They explored various aspects, including where animals reside, their food and habits, and the life cycles of creatures such as cockroaches, butterflies, and frogs. The concept of how animals adapt to their environments was a particularly engaging area of study.

**Drawing:** Students expressed their understanding through drawings, illustrating the life cycles of cockroaches, butterflies, and frogs. They also created diagrams of chicken formation within eggs, complete with labels for various parts.

**3. Our Body:** This topic involved in-depth discussions and extensive questioning. The students discovered that the human body comprises different systems, encompassing organs, nerves, and tissues. They explored internal organs and their functions, demonstrating a strong grasp of this chapter. Additionally, students drew diagrams of the brain, labelling its components and detailing their functions. Other topics within this chapter included food and health, environmental conditions for healthy living, safety, first aid, good habits, personal hygiene, and the study of teeth and microbes.



**4. Our Universe:** This topic revisited concepts many students had previously encountered. They explored subjects like lunar and solar eclipses, the Earth, and the Moon. Although there were class discussions on this chapter, some students still have questions, particularly regarding the differences between solar and lunar eclipses.



**5. Air:** Air was a completely new subject for some students, while others were already familiar with it due to previous exposure. Engaging activities were carried out both in the science lab and as homework assignments to deepen their understanding of this topic. These activities included experiments that demonstrated that air is essential for breathing and combustion, possesses weight, takes up space, and exerts both upward and downward pressure. The students also worked collaboratively on creating charts related to air.



**Assessment and Progress:** Following the completion of each chapter, the students tackled questions and answers. Notably, they have shown improvement in writing both short and long answers. However, some students still need to refine their understanding of questions and their ability to provide precise answers. Test results varied, with some students scoring well, some achieving average marks, and a few requiring retests in specific chapters. To enhance comprehension, videos related to each chapter are screened at the end of the topic.



Perseverance Group is making commendable progress in their science studies, with active participation and enthusiasm driving their journey. The incorporation of experiments, discussions, and collaborative activities has enriched their learning experience. The group is poised for continued improvement as they explore more scientific concepts and principles.



## English

The Perseverance English Group demonstrates dedication and enthusiasm for learning the English language. They attend English classes six days a week, from 1:30 to 2:30 in the afternoon, with Tuesdays being their day off. The children have

been making significant progress in their language skills by actively practicing speaking in English and actively participating in various activities.

**Monday and Wednesday:** On these days, they focus on textbook work. Each student has a Class 4 textbook, but from different authors. They read the stories and poems from their books, comprehending the text well, and are able to answer the questions provided at the end of each chapter. They are proactive in seeking clarification when they face difficulties in understanding the text or the questions. Additionally, they work on improving their handwriting, with some students already showing improvement in writing neatly. m



**Thursday:** This is group-reading day, where they take turns reading a common book, with the teacher sometimes reading to them and explaining the content and meanings of new words. They've read books like "Black Beauty," "BFG," and "The Witches" by Roald Dahl, all of which they enjoyed. They are currently reading "George's Marvellous Medicine" by Roald Dahl. At the end of the class, they take dictation of new and challenging words to improve their spelling and understanding.



**Friday:** They focus on grammar work. They work on exercises from different grammar books ranging from Class 3 to Class 5. They understand various aspects of grammar, such as nouns, adjectives, verbs, and more. They recently learned about articles and their proper usage, with most



of them grasping the concept and applying it effectively. Those who need additional practice are actively seeking clarification.

**Saturday:** They engage in self-reading in the library, where they choose books of their interest. They enjoy reading a variety of books, including those by authors like Geronimo Stilton, Roald Dahl, Sudha Murthy, fairy tales, and mythological books. They read attentively and often complete homework assignments related to the books they've read, showing substantial improvement in their reading skills.

**Sunday:** They watch movies, which has provided them with a unique way to learn and enjoy the English language. The movies they've watched have not only entertained them but also imparted positive lessons, even if they didn't fully understand every dialogue.



In addition to their regular activities, they've also learned and memorized poems by Sri Aurobindo. They are dedicated to their studies and consistently complete their homework assignments before the next class. The students in the Perseverance English Group are making commendable progress in their English language skills and are actively engaged in various aspects of language learning.

## Hindi

The children in the Perseverance group are actively engaged in their studies and a variety of activities. They are currently following the curriculum from the 5<sup>th</sup> and 6<sup>th</sup>-grade Gunjan books.



In addition to regular coursework, some students are taking chapter-wise tests to assess their understanding. The children are also working on Hindi grammar, engaging in group reading with the book "*Badhte Kadam*," participating in dictation exercises, writing stories and poems, and enjoying self-reading sessions.



A notable achievement is that all the children composed a poem on "Raksha Bandhan" by themselves, which they confidently recited and presented to everyone. They also performed a song titled "*Dhaago Ka Ye Rishta*" on the occasion of Raksha Bandhan.

On the school's birthday on July 5<sup>th</sup>, the children put on a play called "*Andher Nagri*," in which all the children participated. They displayed great courage and self-confidence while presenting it to the audience.



On August 13<sup>th</sup>, the children celebrated the birthday of Surendra Nath Jauhar (Chacha Ji) by presenting stories and a small drama based on his stories.



On Independence Day, August 15<sup>th</sup>, the children performed an action on the song "Sandesh Aate Hain" and thoroughly enjoyed the experience.



Twice a week, the children visit the library for reading. They have the freedom to choose books of their interest and read them with enthusiasm. If they come across words whose meanings they do not understand, they seek assistance from their teacher, enhancing their vocabulary and comprehension skills.

These activities reflect the children's commitment to learning, creativity, and their willingness to participate in various cultural and educational events.



## Odia

The children of the Perseverance group exhibit a keen interest in learning Odia, and their active participation in the class is noteworthy. They have



successfully grasped the fundamentals of the Odia *varnamala* (alphabet), with the majority of them displaying a clear understanding.

However, a few students occasionally encounter confusion with letters that bear similarities.





These enthusiastic learners consistently express a desire to expand their vocabulary. They eagerly absorb new words, including the names of flowers, trees, birds in their surroundings, and everyday objects used in their lives. Their engagement extends to

listening to stories and watching cartoon films based on narratives, which aids in introducing them to new Odia words and enhancing their familiarity with the language.

Their progress extends to reading short stories, and some students can even transcribe words correctly when presented with dictations from the same stories they've read. The children have also embraced songs such as '*Sundara mo janama bhuin*' (a patriotic song in Odisha), '*Haire mora Kalamanika*' (a bhajan dedicated to Lord Jagannath), and '*Tiki photo re.*'



While their reading and writing abilities are commendable, there is room for improvement in their spoken Odia. All students are actively working to enhance their speaking skills and regularly make efforts to converse in Odia during class sessions.

## Computer

The Perseverance group has computer class once a week. They too have attempted typing tests but face challenges with their typing speed, so they are practicing typing lessons to improve. When their hands get tired,





they engage in typing games. They also practise using the keys in WordPad, making an effort to type without looking at the keyboard and working on memorising finger placement.



## Arts and Crafts

They are really obedient bunch of children. They love to do the art class, they have made the hangings, shapes, drawings and other things during the art class. They enjoy the class very much and help each other during cutting and pasting.



## Dance

The Perseverance group has a weekly dance class on Mondays. They predominantly focus on Bharatanatyam for their programs. Most members of this group have mastered the hand gestures of Bharatanatyam. While the majority enjoy classical dance, a few boys are less interested. Some girls are also exploring contemporary dance on their own and perform during programs. They exhibit an understanding of music rhythms.

Before starting their dance class, they engage in warm-up exercises. Given their experience with classical dance, they quickly grasp the steps.



## Celebrations

### 5<sup>th</sup> July: School's Birthday

On the school's birthday, the students of this group presented a play called 'Andher Nagari,' which is part of the 10th syllabus of NIOS. The play was conducted under the guidance of Manisha Didi and Darshana Didi during their Hindi class. While they received some guidance from Pranjal Bhaiya, the majority of the effort came from the children themselves. Their confidence during the performance was truly commendable. Not a trace of nervousness could be seen on their faces, and their acting was exceptionally impressive. Their expressions captivated the audience and were a joy to watch.



### 13<sup>th</sup> August: Chacha ji's birthday

On 13<sup>th</sup> August, some of the perseverance children told short stories narrated by Chachaji and some of them acted it out. Rachna and Karishma told short stories that had been narrated by Chachaji that is "Magna Hai Jo Khuda Se." Pranab individually narrated a story "Karamat" with action. Shivam acted out a story "Khoon Or Doodh" based on Guru Nanak's stories. Children enjoyed listening to these stories told by the





Perseverance children. Devendra and Sanjeet performed a small drama named "Paschataap." They performed these very well as they themselves had put a lot of effort in order to perfect it, a little help from Pranjal Bhiaya was taken, who guided them and taught them to put it into action. They were praised by the audience for their performance.

## 15<sup>th</sup> August: Independence Day

On the occasion of Independence Day, the children from this group sang the song 'Sandesh Aate Hain,' which was taught to them by Manisha Didi during their Hindi class. They sang it with pride and respect for their nation.



They also collaborated with two other groups to perform the play 'The Freedom Struggle.' Some students took on important roles, portraying freedom fighters such as Bhagat Singh. They were delighted to be part of this play alongside their peers.





### 7<sup>th</sup> September: Janmashtami

On Janmashtami, they confidently sang a song dedicated to Lord Krishna titled 'Tum Prem Ho, Tum Preet Ho.' This song was taught to them in just two days by Jayu Didi and Neela Didi. Their melodious performance showcased their dedication.



### 19th September: Ganesh Chaturthi

On this special day, the girls of this group delivered a dance performance to the song 'Ekdantaya Vakratundaya,' which they learned during a social science class. Despite having limited time for preparation, they put in a great deal of effort and performed without any mistakes. Though they initially felt nervous, once on stage, they overcame their fears and danced





beautifully. During the preparations for this performance, the boys crafted some skits related to Lord Ganesha and delivered them without rehearsal, bringing laughter to the audience and leaving everyone in good spirits.

## Shramdaan (Work Offering)

The children of Perseverance, along with the other children, are divided into six groups and enthusiastically participate in Shramdan activities every morning. These activities include tasks such as sweeping the hostel, cleaning toilets, removing weeds from the garden, and assisting in vegetable cutting in the kitchen. They have honed their skills to execute these tasks meticulously and also take it upon themselves to train the younger children in the art of performing these duties flawlessly.



Under the guidance of their teachers and in harmony with the younger children, they approach Shramdan with cheerfulness, cooperation, and a complete absence of complaints. Occasionally, they may exhibit



preferences for one Shramdan task over another, but they remain content with participating in all of them together.



These Shramdan activities are conducted five days a week, and on Sundays, the children devote their time to cleaning their rooms and clothes. They meticulously clean their living spaces, ensuring that every aspect, from beds to windows and doors, is thoroughly wiped and tidied.



Moreover, they ensure that their younger siblings have also attended to their own cleaning responsibilities.

## Games

The children of Perseverance have been divided into two groups: Lithium and Beryllium. The Lithium group mainly consists of Perseverance boys, while the Beryllium group includes Perseverance girls, along with some children from Smile and Progress. During this period, they prioritize punctuality and maintain discipline on the field. Before engaging in any games, they diligently perform warm-up exercises and running. Only after completing joint exercises do they start playing. They derive immense enjoyment from playing and endeavour to exhaust themselves so they can study peacefully in the evening class.



The boys are particularly fond of playing football and base kickball, and the girls prefer games like freeze bee and other minor activities. However, some of the girls also enjoy playing football. The boys often play with the older





boys from Progress and learn new skills from them. The older boys teach them techniques such as passing, dribbling past players, and scoring goals. They are working on improving their stamina to become even better players.



## Yogasana

Early in the morning, at 6 o'clock, the Perseverance group and other children attend a yoga class. They are guided through various postures and asanas, and some of them demonstrate remarkable flexibility, performing these exercises without discomfort.

Punctuality is a priority, and the children willingly participate in these activities, understanding the benefits they offer for their health.





## *Satsang*

In the evening, there is a half-hour meditation period. Meditation goes beyond silent sitting; it can also involve singing devotional songs. During this time, children learn numerous bhajans and chantings. The children of Perseverance, driven by their interest, aim to be punctual. They have mastered many songs and chantings, whether through direct teaching by their teacher or by listening to their fellow students sing.

