



## Action Research Training

Date – December 14, 2023

**"I hear and I forget. I see and I remember. I do and I understand." ~ Confucius**

Action research is a dynamic process where teachers find continuous opportunities to improve their educational practices. In this process, teachers analyze and understand the students' needs in a better way through interaction, reflect it and enhance their professional development. It is formative in nature and aims to enhance the prevailing situation by solving immediate problems.

**The main objective of Action Research is to diagnose the problematic situation to understand the underlying factors that root the issue and provide remedial interventions.**

### Steps for Action Research

- Identification of a problem
- Collection and Organization of data
- Interpretation of data
- Action based on data
- Evaluate results
- Follow Up Action

### Hindi Action Research

Our two efficient teachers from Hindi Department **Dr. Lipsa Parmar and Ms. Nital Prajapati** are conducting the action research on the students of grade 5. The topic for the research is 'Why students make Spelling errors (Matra mistakes) while writing. 'They have followed all the steps mentioned above and conducted a detailed action research.

### Math Action Research

Our two competent teachers from Math Department Mr. Shiva Naripalli and Ms. Seema Modi are conducting the action research on the students of grade 9. Their topic for Research is 'List of Common Errors in Mathematics'. They have followed all the steps mentioned above and conducted the research.

<b>Code</b>	<b>Error</b>
1	Multiplication Errors
2	Division Errors
3	BODMAS Errors
4	Forget to convert into same unit Error
5	Sign Error
6	Using Wrong Formula / Identity / Property
7	Transposition Error
8	LCM Error
9	Incorrect Copy of Sum
10	Graph Scale Error
11	Steps Error
12	Not Attempted
13	Copied Question Only

### **Benefits of Action Research**

- Personal and Professional growth
- Tailored solutions
- Collaboration and engagement
- Continuous improvement
- Knowledge production

**Principal Dr. Mayur Patadia appreciated the efforts made by the Hindi and Math Teachers. He also gave his valuable inputs to teachers.**

## Adani Public School

Mundra - 2023 - 24

### Data Collection for Common Errors in Term - 1 - Exam - Mathematics

Name of Teacher : Ms. Seema Modi

Class : IX Hollyhocks

Roll No	Name	Question Number																Errors repeated Max times							
		Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38						
		Error Code - 1 to 12																1 st	f	2 nd	f	3 rd	f		
1	Aadhya Sengar	-	-	-	-	-	-	12	-	-	06	-	-	-	-	06	-	6	2	12	1				
2	Aashi	-	-	-	-	-	-	-	-	-	-	2	11	-	11	-	11	-	11	3	2	1			
3	Adil Turk	-	11	11	-	3	-	6	6	6	-	2	9	-	11	13	-	11	3	6	3	3,9,13	1		
4	Aditi Singh	-	-	-	11	7	11	-	6	7	7	-	5	-	-	-	13	-	11	2	7	3	6,5,13		
5	Akshat	-	8	-	6	6	-	11	-	6	5	13	-	-	-	6	13	6	-	6	5	13	2		
6	Aliza	-	-	-	-	-	-	6	-	-	-	-	11	-	-	6	-	-	11	1	6	2			
7	Aman Ku.	-	8	-	-	11	-	-	-	11	-	6	-	-	11	11	11	11	-	11	6	8	1		
8	Ansh Patel	11	-	11	12	6	-	11	12	-	-	12	-	11	-	-	-	11	-	11	5	12	1		
9	Aparna G.	6	6	6	6	13	13	6	-	13	13	6	2	6	10	6	6	5	10	6	4	13	4		
10	Arnav	-	6	-	-	6	-	-	11	-	11	6	-	11	-	-	6	6	-	6	5	11	3		
11	Adhiraj	-	-	13	-	-	-	11	12	2	11	-	11	-	-	6	6	-	-	11	3	6	2		
12	Devandith	6	-	-	12	-	-	-	-	-	5	13	2	-	-	-	-	11	-	11	1	12	1		
13	Dhyanee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	6	11	11	2	6	1		
14	Het Soni	6	-	12	11	6	11	11	12	6	11	11	2	12	6	6	13	13	13	6	5	11	5		
15	Jalaj Vera	-	-	-	7	-	-	-	-	-	7	-	-	-	-	-	11	5	-	7	2	11	1		
16	Jay Pinal	-	-	11	-	-	1	11	6	6	5	12	-	11	-	12	13	11	11	11	5	6	2		
17	Jeeli H	-	-	-	-	-	-	-	-	-	5	-	-	-	-	6	6	-	-	6	2	5	1		
18	Khushi Chavda	11	-	-	-	-	1	-	-	-	-	-	-	-	5	-	-	11	12	-	11	1			
19	Keerti	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	11	6	-	11	2	6	1		
20	Mahesh Sagar	12	6	12	13	12	01	12	12	12	12	12	-	6	10	12	11	11	11	12	9	11	3		

## अदानी पब्लिक स्कूल

मुन्द्रा - २०२३ - २४

### हिंदी विषय में वर्तनी संबंधी अशुद्धियाँ होने के संभवित कारण

Name of Teacher : Dr. Lipsa Barmun

Class : - 5 - Heleniums

क्रमांक	नाम	हिंदी विषय में वर्तनी संबंधी अशुद्धियाँ होने के संभवित कारण			
		कारण - 1	कारण - 2	कारण - 3	कारण - 4
1	Aadarsh Yadav	2	7	10	
2	Akash Mandal	3	6	-	
3	Anishka Nigam	5	6	9	
4	Aparna Upadhyay	3	10	-	
5	Aradhya	3	6	8	
6	Arav Barad	2	7	10	
7	Asfan Agriya	3	6	-	
8	Ayan Chaudhary	1	6	10	
9	Devanshi Sharma	4	-	-	
10	Devyani Gadhavi	3	4	-	
11	Dhairya Soni	3	6	8	
12	Dhwani Rana	2	8	-	
13	Dishi Pandya	3	5	8	
14	Harnoor Kaur Sodhi	2	3	9	
15	Humera Turk	8	9	-	
16	Ifra Imran Khalifa	3	6	-	
17	Kaushal Bhatt	2	3	4	
18	Krushnam Akbari	3	4	9	
19	M. Yesmith	1	2	3	
20	M.Varyashish Cariappa	-	-	-	
21	Madhavi Arjan Raviya	3	-	-	
22	Mahek Gadhvi	3	-	-	
23	Neel Gopal Gadhavi	-	-	-	
24	Pratikshaba Jadeja	3	5	7	
25	Prisha Anil Sanwariya	4	-	-	
26	Rudra Vrujesh Joshi	1	3	8	
27	Sai Praneeth Nunna	1	3	6	
28	Shambhavi Mishra	1	3	4	
29	Shree Majethia	2	3	8	9

## अदानी पब्लिक स्कूल

मुन्द्रा - २०२३ - २४

### हिंदी विषय में वर्तनी संबंधी अशुद्धियाँ होने के संभवित कारण

Name of Teacher : Nital Pragyapati

Class : 5 - Bergenias

क्रमांक	नाम	हिंदी विषय में वर्तनी संबंधी अशुद्धियाँ होने के संभवित कारण			
		कारण - 1	कारण - 2	कारण - 3	कारण - 4
1	Aasha Kumari Singh	3	4	7	
2	Aavya Tyagi	3	6	-	
3	Ahmed Mustak Turk	1	9	-	
4	Akshat Dimri	4	5	-	
5	Ansh Dipenbhai Paniya	3	8	-	
6	Arnav	2	3	-	
7	Atharv Choudhary	6	-	-	
8	Avelyn Anthony	3	8	-	
9	Bhavya K Bhogesa	3	6	-	
10	Chaitanya Rohit Pandhi	8	-	-	
11	Gunjan Vasiyani	3	6	-	
12	Himakshi Gautam	3	6	8	
13	Ismail Osman Turk	5	6	-	
14	Jency Rakesh Patel	70	-	-	
15	Kavya Dave	3	6	-	
16	Krishna Mishra	5	6	-	
17	Kriyansh Sharma	3	-	-	
18	Mohmad Faiz	3	8	-	
19	Netra Pratul Hadiyal	3	-	-	
20	Nijansu Bhawaria	6	-	-	
21	Pari Jayeshbhai Shah	6	9	-	
22	Pratyaksh Raj Singh	3	6	8	
23	Rajvi Dipakbhai Likhiya	3	6	9	
24	Ridam Shrivastava	3	6	-	
25	Siddharth Dhanki	3	5	8	
26	Smit Kanjariya	3	8	-	
27	Swaraj Dhanawade	6	-	-	
28	Tamna Joshi	3	6	-	
29	Varada Vasaniya	3	3	-	

## अदानी पब्लिक स्कूल

मुन्द्रा - २०२३ - २४

हिंदी विषय में वर्तनी संबंधी अशुद्धियाँ होने के संभवित कारण - कक्षा - ५ - प्रत्येक वर्ग में

क्रमांक	कारण	5 - Bergenia	5 - Campanula	5 - Cockscomb	5 - Goldenstar	5 - Heleniums	5 - Sundrop
		Frequency	Frequency	Frequency	Frequency	Frequency	Frequency
१	हिंदी में लिखित कार्य करते समय लापरवाही करना।	01	05	01	03	06	02
२	वर्ण और मात्रा की सही पहचान न होना।	01	04	08	06	12	13
३	बोर्ड से लिखने में गलती करना।	20	14	16	20	20	19
४	लिखने की गति धीमी होना।	04	06	15	06	09	04
५	मात्रा की गलतियों पर सुधार कार्य न करना।	04	05	14	01	04	11
६	आस-पास के वातावरण के कारण कक्षा में ध्यान केंद्रित न होना।	18	14	05	17	12	08
७	पढ़ाई में हिंदी विषय को ज्यादा महत्व न देना और नियमित रूप से अध्ययन न करना।	01	06	02	00	04	06
८	कक्षा में लिखते समय सहपाठी से बीच-बीच में बातें करना।	12	07	03	08	10	06
९	शब्दों का सही उच्चारण पता न होने पर गलती करना।	06	05	08	04	05	06
१०	हिंदी विषय के प्रति लगाव न होना।	01	10	06	03	04	03







**Conclusion:**

Action research is the mini version of research which gives the solution to day to day challenges that comes in teaching learning process. It deals with problem with a scientific way. It goes into the nutshell and help in overcoming the main causes and bring changes in teaching learning transactions.