



GUJARAT COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING



EDUCATIONAL KITS



**Exhibiting School Projects
(Stand 2: Representations 15 - 28)**

Coordinator

Smt. Varcheshaben Bhad


Ph: +91 94287 12115, Email: shreelbhad@gmail.com

www.gcert.gujarat.gov.in/gcert/



Details of Toy

(Toy Category: Educational Kit)

<p><u>Sr No.</u></p> <p>15</p>		<p><u>Toys Name</u></p> <p>AVANVA RAMAKDA (Rocket launcher, fan, spinner, magic pen, gun, magic slate, jumping frog)</p> <p><u>Model Description</u></p> <p>There are varieties of 30 toys having different use according to Child's age group. Children can make it their own and use it easily. Estimated cost for prepare toy 60 rupees. By using these toys we can develop numeracy word funding decision making curiosity as well as critical power in children.</p> <p><u>Contact details</u></p> <p>Name:- Patadiya Ajaykumar Himmatbhai School name:- Bhe handiya f.v.primary school Contact number:- 7573030106 Whatsapp (IF ANOTHER):-7573030106 E-Mail:- patadiyaajay333@gmail.com</p>
---------------------------------------	--	---

Sr
No.

16

Toys Name

MATHS-SCIENCE TOY BOX

Model Description

Apply a layer on the bottom of the box and a flat mirror on bothsides. Make a hole in the middle of one of the mirrors. Prepare a rectangular box like this. Make a square box by making cut cuttings. Then arrange a flat mirror at the 45th angle in the box and a flat glass on the opposite side. Keep a lid open or open at the top of the box. Now put some objects like a pens, erasers etc. in the box from the exposed part. Now observe through the front glass .we will not be able to see these objects because the box has a flat mirror atan angle of 45.the reflection of light in the mirror means that the reflection in the mirror is half the box. The teacher will show this toy to his students during his class and give information about scientific theory.

With the help of such toy children's can learn scientific concepts in everyday life. They can explain events and processes their own.

Contact details

Name: Chauhan Sanjaykumar Gulabsinh
School name: Ruvabari muvada primary school
Contact number: 9978394862
Whatsapp (IF ANOTHER): 9978394862
E-Mail: sanjayms686@gmail.com

Sr No.

17



एक	दश	शत	हजार	लाख	करोड़	लाख	हजार	एक
0	10	20	30	40	50	60	70	80
9	19	29	39	49	59	69	79	89
8	18	28	38	48	58	68	78	88
7	17	27	37	47	57	67	77	87
6	16	26	36	46	56	66	76	86
5	15	25	35	45	55	65	75	85
4	14	24	34	44	54	64	74	84
3	13	23	33	43	53	63	73	83
2	12	22	32	42	52	62	72	82
1	11	21	31	41	51	61	71	81
0	10	20	30	40	50	60	70	80



एक	दश	शत	हजार	लाख	करोड़	लाख	हजार	एक
0	10	20	30	40	50	60	70	80
9	19	29	39	49	59	69	79	89
8	18	28	38	48	58	68	78	88
7	17	27	37	47	57	67	77	87
6	16	26	36	46	56	66	76	86
5	15	25	35	45	55	65	75	85
4	14	24	34	44	54	64	74	84
3	13	23	33	43	53	63	73	83
2	12	22	32	42	52	62	72	82
1	11	21	31	41	51	61	71	81
0	10	20	30	40	50	60	70	80

Toys Name

MULTIPURPOSE NUMERACY BOARD

Model Description

First prepare 4x4feet flex banner. Fix it the banner on ply woodseat. Prepare by cutting in to square pieces from colourful card. Write 0 to 9 on all square cards.

All about block write 0 with colourful chalk. In each line arrange from unit to ten crore step by step and read every unique numbers. Find out place value, do +, -, ×, ÷ process in each numbers. This toy is very useful in teaching, learning, evaluation, self learning, for std 1 to 8.in maths subject . Toys help us to understand the concept of numerology, mathematics algebra, total geometry. square, percentage, currency, length,volume, line, segment, angles, type of angles, triangle, type of triangle etc.

Contact details

Name: Solanki Nilesh Kumar Ramanlal
School name: Primary School Timbapur
Contact number: 9427312393
Whatsapp (IF ANOTHER): 9427312393
E-Mail: nileshsolanki219@gmail.com

Sr
No.

18



Toys Name

DISTRICT INFORMATION KITE OF GUJARAT

Model Description

First take 33 cards from the playing card and write the name of each district on it. Put 33 hooks on a square syntax sheet and put a cloth bag with the headquarters of each district on it.

Put a colorful picture of a special thing of the district in cloth bag and another similar picture which is divided into 8 parts. This way the puzzle of connecting the parts of the picture will be ready.

The student will take the address of any district from the card and go to the kite and take the bag with its headquarters written on it. Then pair the other parts of the picture based on the picture placed in it to create a complete picture. Thus, through the puzzle the student will be made aware of the specific matters of the district.

Students' knowledge of social science subject and general knowledge can be enhanced by getting acquainted with the district of Gujarat and its headquarters and special matters of the district.

Contact details

Name: Diptiben Dhirajkumar Joshi

School name: Balsasan Primary School

Contact number: 9898785881

Whatsapp (IF ANOTHER): 9898785881

E-Mail: diptijoshi4116@gmail.com

Sr No.

19



Toys Name

BRAILLE BASED MAGICAL SNAKE AND LADDER AND BRAILLE BASED MAGICAL WHEEL

Model Description

For preparing “baraille snake and ladder” (for blind and multy disable child) paste a colourful paper paste a colourful paper (sheet) on the squre hard sheet. make 100 boxes using 10 raws and 10 columns. write 1 in the box (left side of the bottom) then write the numbers up to hundred. stick round shape stones as the braille based in each boxes with respect to the numbers. take a cube having six side. write 1 on three sides and write 2 on another three sides. sticks round shape stone as the braille based with respect to numbers on the cube. prepare another cube having a sign of addition, sub traction, multiplication and devidation and stick round shape stone with respect to the sign.

To prepare braille magic wheel (for blind and multy disable child) with above side process using cylinder shape p.v.c pipe for giving playful understanding of tables (1 to 99).

This toy can be operated by the children very easily as well as harmlessly.by using this toy we can achieve 8 l.o of standard 1 and 2, 28 l.o of standard 3 to 5 and 9 l.o of standard 6.

Contact details

Name: Chauhan Rameshkumar Badamilal
School name: Patel faliya varg bughadh prathamik shala
Contact number: 9427057782
Whatsapp (IF ANOTHER): 9427057782
E-Mail: patelfaliyabugadh@gmail.com

Sr No.

20



Toys Name

- 1) WHICH IS MINE COMPARTMENT?
- 2) ADDITION – SUBTRACTION BOARD.
- 3) DO YOU KNOW ME?
- 4) THROW THE BANGLE AND TELL THE NUMBER
- 5) TAKING PUPPET

Model Description

All the toys are made by using cardboard sheet, fevicol, color papers, color pen, thermocol etc.... By playing such different toys students can learn ordering numbers, before and after numbers of 1 to 10, counting of 1 to 10. Addition-subtraction practice and evaluation. Classification of animals, birds and insects. Randomly numbers of 1 to 100 and its place value. We can make such toys at cost of just 30 to 40 rupees.

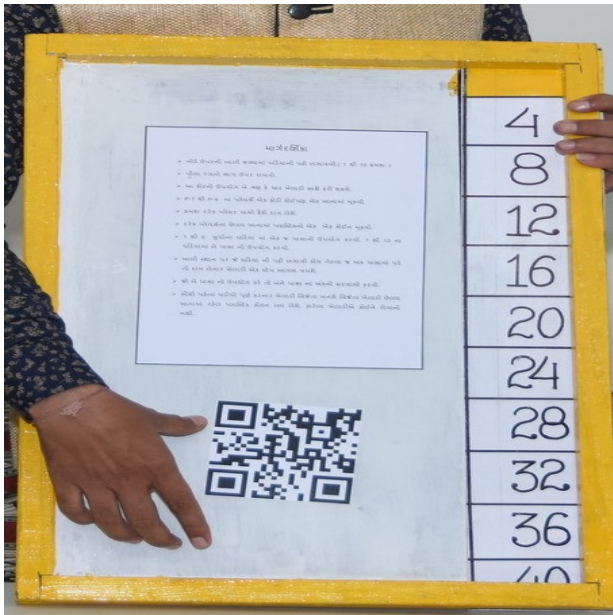
Contact details

Name: Goswami Jalpaben M.
School name: Shree Virvav Primary School
Contact number: 81601 80678
Whatsapp (IF ANOTHER): 97148 70750
E-Mail: - jalpa8087@gmail.com

Details of Toy

(Toy Category: Educational Kit)

Sr
No.
21



Toys Name

TABLE'S GAME & PATTERN GAME

Model Description

- TABLE'S GAME:
Prepare frame with a wooden strips and draw 11 horizontal and 4 vertical lines. Use only one die in 1 to 6 tables. Use two die in 7 to 10 tables. The player who completes the table first will be the winner. The winner will take a plastic coin.
- PATTERN GAME :
Cut square wooden pieces. Draw the pattern on the piece using a measuring bar. Take any one pattern. Place your finger on the point where you think the pattern can be completed from the point given above. Do not lift a finger until the pattern is complete and the line should not be drawn or twisted a second time.
- With the help of these toys students can Understand the concept of the tables and shape patterns accordingly.

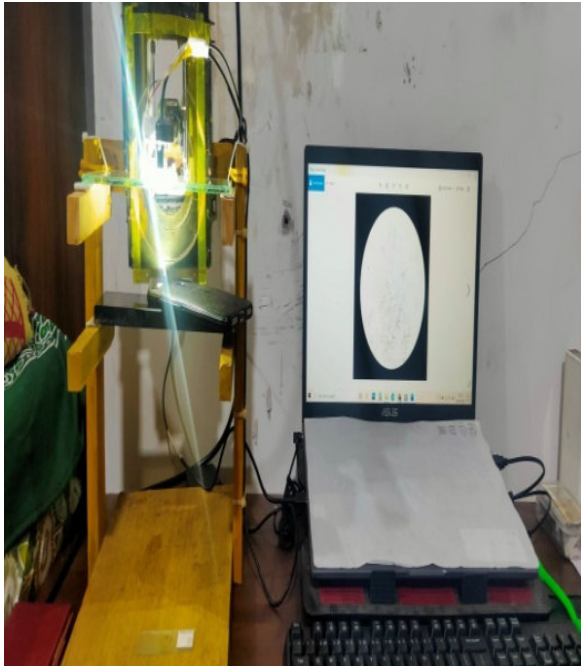
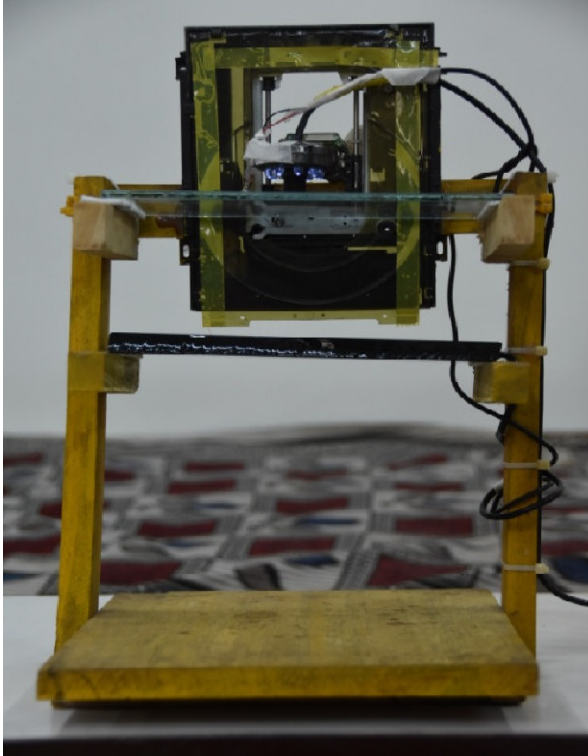
Contact details

Name of participant:- PRAJAPATI NILESHKUMAR MADHUBHAI
School name:- PRIMARY SCHOOL KANDA
Contact number:- 9727618657
Whats app (IF ANOTHER):-
E-Mail:- nileshmprajapati155@gmail.com

Details of Toy

(Toy Category: Educational Kit)

Sr
No.
22



Toys Name

DIGITAL MICROSCOPE

Model Description

First make a wooden stand as shown in the photo. Take an old web camera, open its lens and fit it upside down so that the camera lens will act as a microscope. Now fit the camera in the old relay of dvd player as shown in the photo. Fit the glass on the stand, put a science slide on it and join the camera in the laptop. So that the slide can be seen in the laptop. Joining a projector with a laptop will make the slide look even bigger.

In a simple microscope, children have to go through the turns. In which more time is wasted. The teacher also has to set the slide in a simple microscope. Children cannot use a simple microscope without a teacher. Slides do not have to be set in a digital microscope. The slide can be seen in the projector by placing the slide on the glass and illuminating it from below. Children can see anything other than a science slide by placing it in the slide space.

Contact details

Name of participant:- PATHAK NITIN
MAHENDRABHAI

School name:- RANGPUR PRIMARY SCHOOL

Contact number:- 9662047879

Whatsapp (IF ANOTHER):- 9662029918

E-Mail:- rangpur7001@gmail.com

Details of Toy

(Toy Category: Educational Kit)

Sr
No.
23



Toys Name

MAGIC BOARD

Model Description

First you take square or rectangle waste sheet of plywood. After that draw 1*1 inch square on the sheet. Then you fix the nail at every cross. After that you can use rubber band to teach different things related educational purpose to student.

This toy is easy to use.

With the help of rubber band we can select different nails for different educational purposes.

To give understanding about geometrical shapes and measurements and quantities.

Contact details

Name of participant:- PATEL BHARATBHAI
RAMANBHAI **School name:-** SHREE NAKOD(V)
PRIMARY SCHOOL

Contact number:- 9924603279

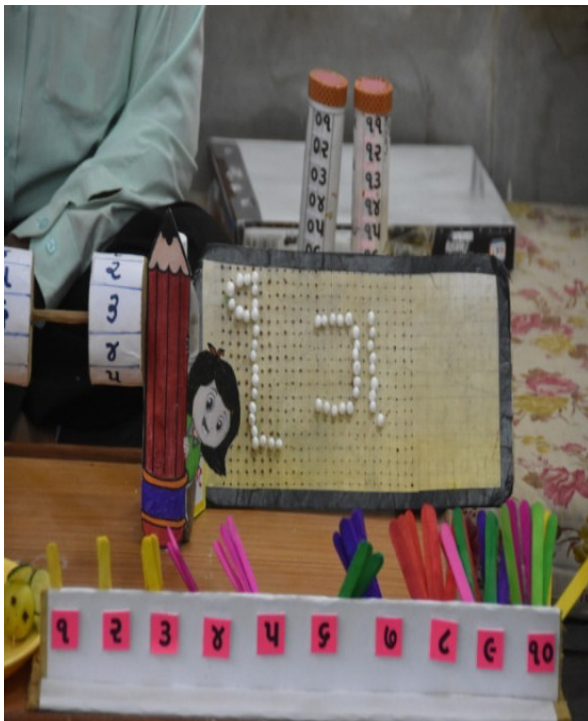
Whatsapp (IF ANOTHER):-

E-Mail:- bharat.patel9080@gmail.com

Details of Toy

(Toy Category: Educational Kit)

Sr
No.
24



Toys Name

Education through play

Model Description

With the help of these toys the concept of Addition, subtraction, multiplication, division, etc. becomes clear

Pre-primary, the child learns to recognize numbers, gains understanding of serial numbers, learns to subtraction easily, even in the primary section, the work of addition, subtraction and multiplication can learn.

Contact details

Name of participant:- DOLATSINH
JASHVANTSINH PARMAR
School name:- Primary School Valvada
Contact number:- 9909608129
Whatsapp (IF ANOTHER):-
E-Mail:- srt.mah.valvada@gmail.com

Sr
No.
25



Toys Name

Educational Kit

Model Description

An old hardboard wooden wheeled cart. It is a cart measuring length. The team with the cart imparts knowledge of various educational toys such as fractions, geometry, area, perimeter, numerology and shapes.

Contact details

Name of participant:- PATEL ASHWINHAI
MAGANBHAI

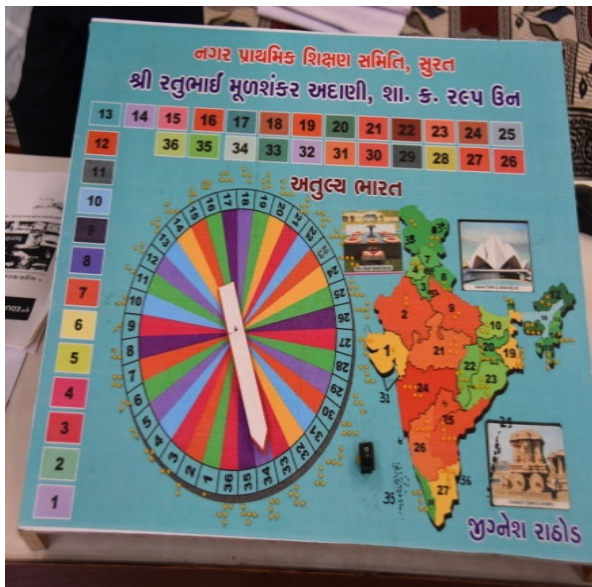
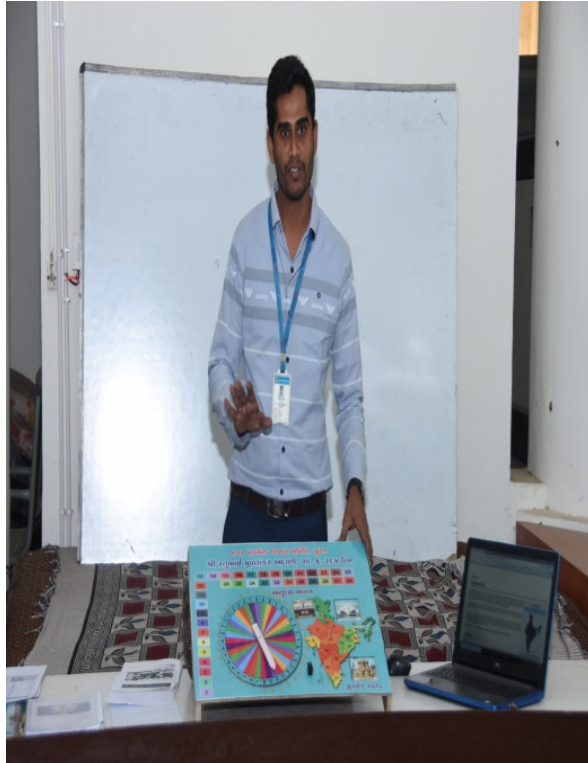
School name:- Earthan Primary School

Contact number:- 9879389861

Whatsapp (IF ANOTHER):-

E-Mail:- ashvinpatel3780@gmail.com

Sr
No.
26



Toys Name

INCREDIBLE INDIA

Model Description

THIS TOY "INCREDIBLE INDIA" MAKES ITS NAME MEANINGFUL INDIA BY PROVIDING

DIFFERENT TYPES OF INFORMATION ABOUT DIFFERENT STATES OF INDIA TO THE STUDENTS WHILE PLAYING. THE GAME IS TO BE PLAYED IN TWO STAGES. THE CORRECT ANSWER CAN BE GIVEN TO THE STUDENTS WHO ARE MOTIVATED TO READ THE INCREDIBLE INDIA ENCYCLOPEDIA PREPARED BY THE TEACHER FOR THE TOPIC OR STATE SPECIAL INFORMATION LIKE CAPITALS, CITIES, TOURIST PLACES, LANGUAGES, DANCES, FESTIVALS, RIVERS, LAKES, MOUNTAINS, NATURAL RESOURCES, PARKS, SANCTUARIES, FORESTS, CLOTHING, FOOD CROPS, BUSINESS, ETC. IT MOTIVATES STUDENTS. IT IS MECHANICAL, IT CAN PROVIDE HEALTHY COMPETITION TO CHILD, ECO FRIENDLY. CHILDREN WITH DISABILITIES AND BLIND CHILDREN CAN ALSO PLAY.

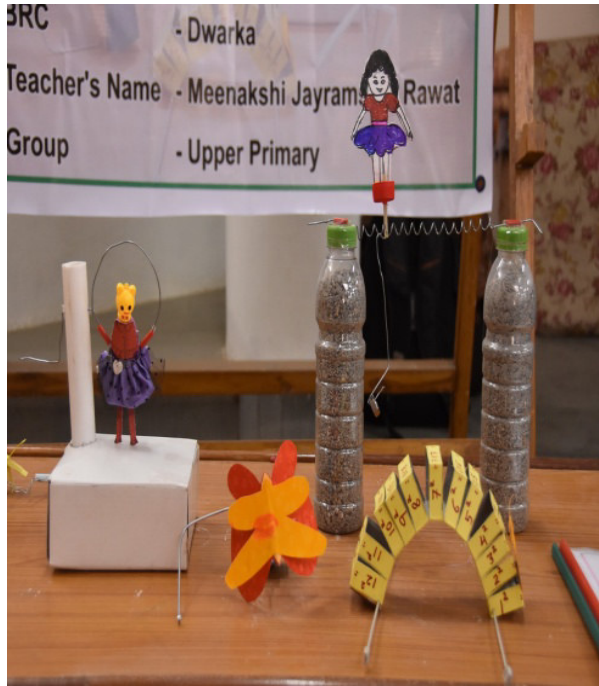
Contact details

Name of participant:- DR. JIGNESH JAYANTIBHAI RATHOD
School name:- SHREE RATUBHAI MULSHANKAR ADANI SCHOOL NO. 295 UN
Contact number:- 9727793546
Whatsapp (IF ANOTHER):-
E-Mail:- jignsehr6009@gmail.com

Details of Toy

(Toy Category: Educational Kit)

Sr
No.
27



Toys Name

VARIETY OF TOYS

Model Description

Introduce children to the steps to play with the toy to show the number and write down the numbers as shown on each step and say that the first step is 1 step, the second step is 2 steps. Write 1,2,3,4,5. To learn the descending sequence, slide down by sliding according to the sequence which is the number above. Speaking, descending order 5,4,3,2,1 writing on the blackboard.

Scientific approach is cultivated by cycling, swings, trajectory. Knowledge of numbers and the difference between front and back numbers and vices and virtues is understood through the snake ladder.

Contact details

Name of participant:- Chitrangaben J. Chaudhari

School name:- Singi Primary School, Vyara

Contact number:- 8780042022

Whatsapp (IF ANOTHER):- 8154918710

E-Mail:- chitrangna007@gmail.com

Details of Toy

(Toy Category: Educational Kit)

Sr
No.
28



Toys Name

VACUUM WORDS, BHULBHULAIYA RETURNS
AND PUPG TANK

Model Description

- 1 Make frame from old card board as big as chart paper. Write essay and story on chart paper and cut it with different shape. Then give this cut shapes to children to re-arrange in frame. By this puzzle game children will learn Story making, Essay Reading, writing with enthusiasm.
- 2 Write past and present verbs on small pieces of papers. Then suck this paper thru straw and classified them in different tray. By this game student will learn to identify past- present verbs and tense
- 3 Cut card board after sticking tank sticker. Make gears from card board and fit them with screw as shown in picture. Write required letter on last three gears. Then set three hole card board with screw. Now move gear and set spelling as given card. By this game student will learn small spelling and rhyming words.



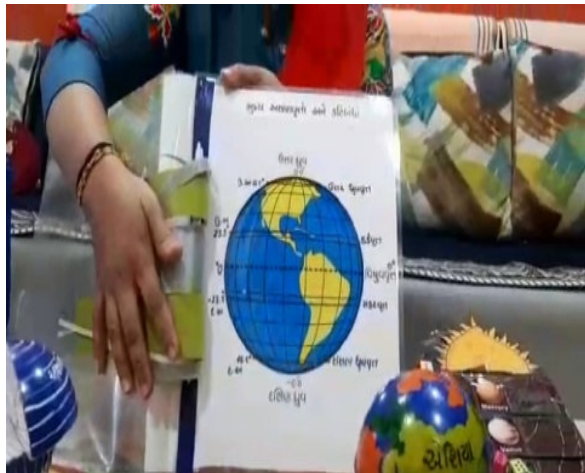
Contact details

Name of participant:- GAMIT BHAVNABEN
BHARATBHAI
School name:- PRIMARY SCHOOL VANKLA
Contact number:- 9726289188
Whatsapp (IF ANOTHER):-
E-Mail:- bhiglu@gmail.com

Details of Toy

(Toy Category: Educational Kit)

Sr No.
29



Toys Name

AAPANU GHAR PRUTHAVI

Model Description

Toy of globe helps to understand northern and southern hemisphere. Also helps to understand the different inner layers of earth. **Portfolio file** helps to understand latitude and longitude very easily. **Leap book** represents different planets with the help of dice. Children play with it and enjoy different planet information and with the help of day night model children can understand the concept of day and night easily.

Contact details

Name: Patel Sweetiben Rajendrakumar
School name: Manpura Primary School
Contact number:
Whatsapp (IF ANOTHER):
E-Mail:

