



Hike mountains,

run through meadows;

bask in the sun,

Explore forests, swim in the sea

Climb trees, breathe the wild air

Gaze at the stars,

It's winter holidays !

Dear Student,

Holidays are the time to unwind and feed your creativity and imagination. It is a great opportunity to relax as well as fruitfully occupy yourself and keep your energies well directed. Now is the time to experience adventurous sports, indulge yourself in various recreational activities, visit your family and friends and rejuvenate yourself.

But it is equally important to temper your relaxed moments with constructive and creative work which your teachers have carefully planned for you through some thought – provoking holiday homework. You may complete them at your ease, but ensure that they are completed timely.

GUIDELINES FOR WINTER VACATIONS:

1. Engage yourself whole heartedly as you will learn a lot through it.
2. Practice your hobbies or inculcate new hobbies. Do a lot of reading- can be newspapers, magazines, books or novels. Ensure that you read a page or two regularly before going to bed.
3. Don't shy away from responsibilities, take charge: make your bed, water the plants, fill the bottles, and help your parents with household chores.
4. Practice hand hygiene and take bath regularly.

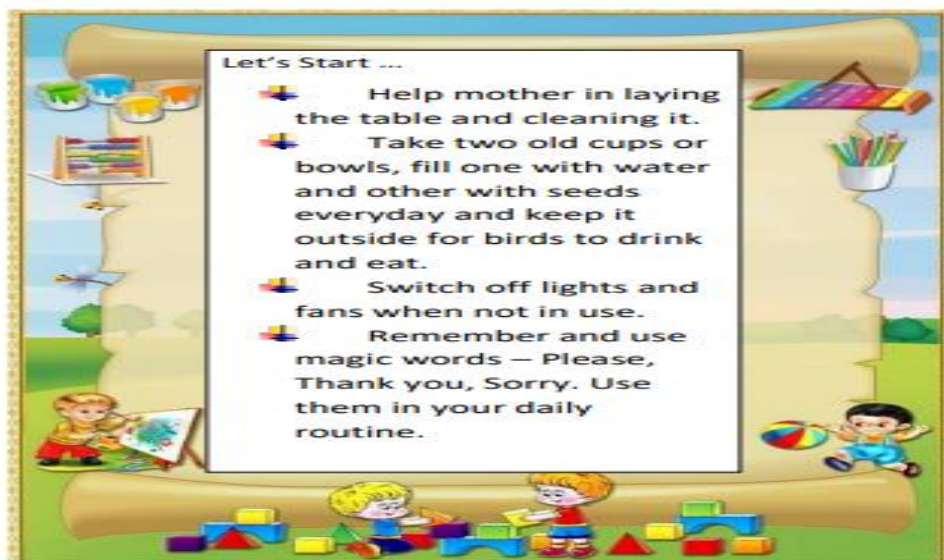
Trim nails, get a haircut.

5. Learn something new this year during holidays.

It could be any sport, swimming, art, drawing, painting, language, music instrument or baking a cake!

6. Spend some quality time with your grandparents and help them.
7. Spend more time outdoors and limit your screen time.
8. Ensure you eat fresh, scrumptious and healthy meals which include fruits and vegetables. Remain hydrated, drink at least 7-8 glasses of water daily even if its winters.

- Here are a few tips for parents to act as a facilitator to help your child balance his/her eagerness in pursuing adventure, creativity and self-expression with development of responsibility.
- Make sure that you are spending quality time with your wards.
- Teach them the importance of moral values.
- Motivate them to read good books.
- Encourage and help your child in shouldering responsibilities in household chores. It will aid them to be independent.
- Encourage the child to wish 'Good Morning' and 'Good Night' to everybody. Motivate the child to use polite words such as 'Please', 'Thank You', 'Sorry', 'May I'
- Encourage the child to speak simple sentences in English.
- Talk respectfully with the child and encourage your child to do the same.



Exercise – Choose the correct spelling

Fill in the blanks from the given options.

1. Rose is a beautiful _____. (flour/flower)
2. All _____ Nandini will come to the program. (except/accept)
3. The _____ is very gloomy today. (weather/whether)
4. You have to _____ a bit longer. (bear/bare)
5. That was an _____ answer. (excellent/excelent)
6. _____ you present there? (where/were)
7. The dress is _____ in color. (beige/biege)
8. The police got _____ from the crime scene. (prove/proof)
9. The teacher _____ the parents that she will look into their child's performance.
(ensured/assured)
10. Sahara is the largest _____ in the world. (dessert/desert)
11. This cloth is very _____. (rough/rhough)
12. The patient was _____ after the surgery. (conscious/ conscience)
13. A bee's _____ is very painful. (sting/stinge)
14. The movie is just _____. (beginning/ beggining)
15. The baby was _____ with his mother. (talking/taking)

Some of the following words have spelling mistake . Take a ruled Sheet and rewrite the words with correct spellings.

action	actor	Actually	adition	agred
alowed	aloud	amendmant	amount	amuement
anual	apointed	Arrange	attention	awhile
begining	bruise	Business	calves	capital
capitol	captain	Carefully	caught	cause
celebrate	century	Chemical	chocolate	Circle
climate	climbed	Collar	column	Company
condition	concider	Consonant	constant	Continant
continued	country	Course	crystal	Current
curtain	daughter	Daytime	desided	Decimal
delicous	desert	Dessert	details	Determin
dictionary	differance	different	difficult	Direction
disapoint	division	eighth	election	Elements
energy	enjoymant	equal	equation	Errands
exact	except	expect	explain	Explode
express	factory	faolt	favrite	Finally
finished	forward	fought	fraction	Furniture
future	genaral	government	graceful	Graph
grasp	grease	grown-ups	guest	Guide
happened	hapily	harvest	healthy	Height
hoarse	human	idea	imagine	Include
increase	indicate	information	instrument	Intention
intresting	inventer	island	jewel	Journey
jungle	knives	known	language	Laughter
length	limb	located	lumbar	Major
mammal	manufacture	material	mayor	Mesure
melody	members	memories	message	Method
million	minor	modern	mountain	Music
natural	necesary	neither	newspaper	Northern
notebook	notice	noun	numeral	Object
obsarve	opposite	orphan	ought	Outside

oxygen	paid	paint	paragraph	Pattern
pause	payment	perhaps	period	Permit
phone	phrase	pleasent	pleasure	Plural
poison	position	posible	practice	Prepared
presidant	probably	problam	process	Produse
program	promise	property	protaction	Provide
puzzle	quickly	quietly	radio	Raise
rarely	rather	reached	recieve	Record
region	relax	remain	remove	Repay
repeat	report	represent	respond	Result
rythm	rising	ruin	saled	Sandal
scale	scent	schedule	science	Saction
seperate	servise	setled	sevaral	Shadow
shelter	shoulder	showted	shover	Signal
similar	sincerely	single	size	Slippery
soar	soil	solution	solve	Southern
split	spoiled	sports	square	Squeeze
stain	state	statemant	station	Steer
stomech	stoping	straight	straghten	Stream
⌚				
stratched	sugest	suitcase	sunset	Supply
sure	surface	suprise	suround	Sweater
syllable	syrup	tablet	tasty	Teaspoon
terrible	though	thoughtfull	thrown	Tornado
toward	trafic	trail	treasure	Treatment
treangle	troble	tunnal	type	Understood

LOOK AT THE PICTURE CAREFULLY AND WRITE A DESCRIPTION IN ABOUT 150-200 WORDS. GIVE A SUITABLE TITLE TO THE DESCRIPTION. MAKE USE OF ADVERBS AND ADJECTIVES APPROPRIATELY. SOME ADJECTIVES AND ADVERBS ARE RECOMMENDED FOR YOU.

Adjectives: pleasant, bright, cool, windy, sunny, joyful, delicious, naughty, happy, cold, dark, long, amusing, sweet, fresh.

Adverbs: carefully, quickly, happily, slowly, suddenly, swiftly, lovingly, secretly, softly, greedily, patiently.



ink saving Eco

BHATNAGAR INTERNATIONAL FOUNDATION SCHOOL

NUMBER WORK

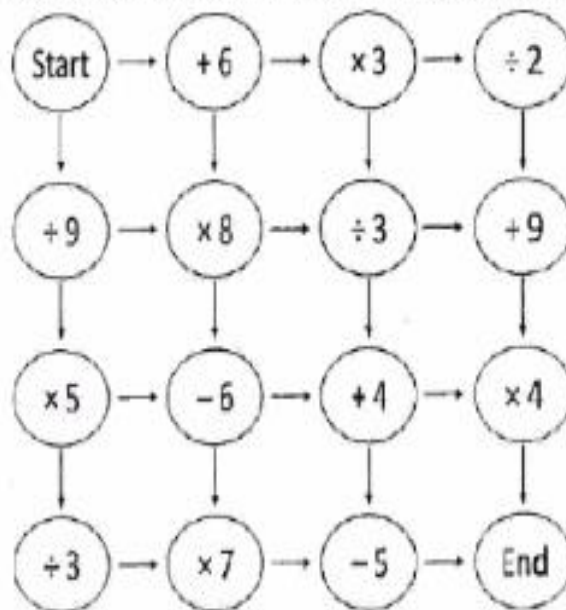
1. DO ADDITION AND SUBTRACTION OF 4 , 5 , 6 DIGIT NUMBERS.
 2. DO MULTIPLICATION OF 2 DIGITS NUMBERS WITH 3 DIGITS NUMBERS AND 3 DIGITS WITH 4 DIGITS NUMBERS.
 3. PRACTICE DIVISION SUMS OF 2 DIGIT AND 3 DIGITS NUMBERS.
 4. DRAW DIFFERENT CIRCLES WITH DIFFERENT RADII , AT LEAST 5 OF THEM .
 5. COLLECT DIFFERENT TYPES OF TICKETS.
- (ATLEAST 8)

Instructions:

Start the maze with zero. You have to finish the maze with a total of 100. You must follow one of the arrows each time. There are two possible routes. Find them.

Route 1 :

Route 2 :



Answer the following:

1. Which route has the highest total?
2. Which route has the lowest total?

Grade 4

Mental Maths



Monday

1. $7 \times 9 =$ _____

2. $72 \div 6 =$ _____

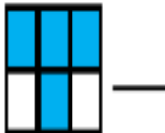
3. $52 + 85 =$ _____

4. $104 - 74 =$ _____

5. The time is 4:30pm.
What time is it in 65 minutes? _____

6. $\frac{3}{4}$ of 12 = _____

7. What fraction of the shape is shaded?



8. Round to nearest 100 - $260 =$ _____

9. How many cm in 3m? _____

10. 15, 30, 45, _____

Tuesday

1. $6 \times 6 =$ _____

2. $81 \div 9 =$ _____

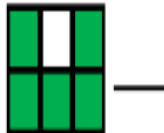
3. $75 + 95 =$ _____

4. $98 - 40 =$ _____

5. The time is 1:05am.
What time is it in 70 minutes? _____

6. $\frac{2}{3}$ of 9 = _____

7. What fraction of the shape is shaded?



8. Round to nearest 100 - $107 =$ _____

9. How many cm in 5.2m? _____

10. 2.6, 2.8, 3.0, _____

Wednesday

1. $12 \times 12 =$ _____

2. $21 \div 7 =$ _____

3. $36 + 72 =$ _____

4. $67 - 13 =$ _____

5. The time is 1:35pm.
What time is it in 45 minutes? _____

6. $\frac{4}{5}$ of 25 = _____

7. What fraction of the shape is shaded?



8. Round to nearest 100 - $1,250 =$ _____

9. How many m in 80cm? _____

10. 19, 22, 25, _____

Thursday

1. $8 \times 9 =$ _____

2. $42 \div 6 =$ _____

3. $19 + 19 =$ _____

4. $52 - 30 =$ _____

5. The time is 9:10am.
What time is it in 75 minutes? _____

6. $\frac{1}{10}$ of 50 = _____

7. What fraction of the shape is shaded?



8. Round to nearest 100 - $5,450 =$ _____

9. How many m in 110cm? _____

10. 4.3, 4.1, 3.9, _____

BHATNAGAR INTERNATIONAL FOUNDATION SCHOOL
MENTAL MATHS

Add

Subtract

Multiply

Divide

1. $29 + 39 = \underline{\quad}$ 1. $624 - 84 = \underline{\quad}$ 1. $80 \times 30 = \underline{\quad}$ 1. $240 \div 80 = \underline{\quad}$

2. $86 + 42 = \underline{\quad}$ 2. $120 - 65 = \underline{\quad}$ 2. $50 \times 90 = \underline{\quad}$ 2. $280 \div 70 = \underline{\quad}$

3. $94 + 194 = \underline{\quad}$ 3. $358 - 126 = \underline{\quad}$ 3. $70 \times 70 = \underline{\quad}$ 3. $540 \div 60 = \underline{\quad}$

4. $231 + 79 = \underline{\quad}$ 4. $836 - 95 = \underline{\quad}$ 4. $60 \times 80 = \underline{\quad}$ 4. $480 \div 40 = \underline{\quad}$

5. $412 + 130 = \underline{\quad}$ 5. $312 - 105 = \underline{\quad}$ 5. $90 \times 80 = \underline{\quad}$ 5. $250 \div 50 = \underline{\quad}$

6. $351 + 251 = \underline{\quad}$ 6. $87 - 32 = \underline{\quad}$ 6. $300 \times 60 = \underline{\quad}$ 6. $360 \div 6 = \underline{\quad}$

7. $99 + 121 = \underline{\quad}$ 7. $169 - 48 = \underline{\quad}$ 7. $700 \times 50 = \underline{\quad}$ 7. $180 \div 3 = \underline{\quad}$

8. $517 + 217 = \underline{\quad}$ 8. $254 - 89 = \underline{\quad}$ 8. $60 \times 700 = \underline{\quad}$ 8. $960 \div 12 = \underline{\quad}$

9. $813 + 99 = \underline{\quad}$ 9. $96 - 45 = \underline{\quad}$ 9. $40 \times 900 = \underline{\quad}$ 9. $200 \div 4 = \underline{\quad}$

10. $275 + 75 = \underline{\quad}$ 10. $326 - 83 = \underline{\quad}$ 10. $20 \times 600 = \underline{\quad}$ 10. $240 \div 12 = \underline{\quad}$

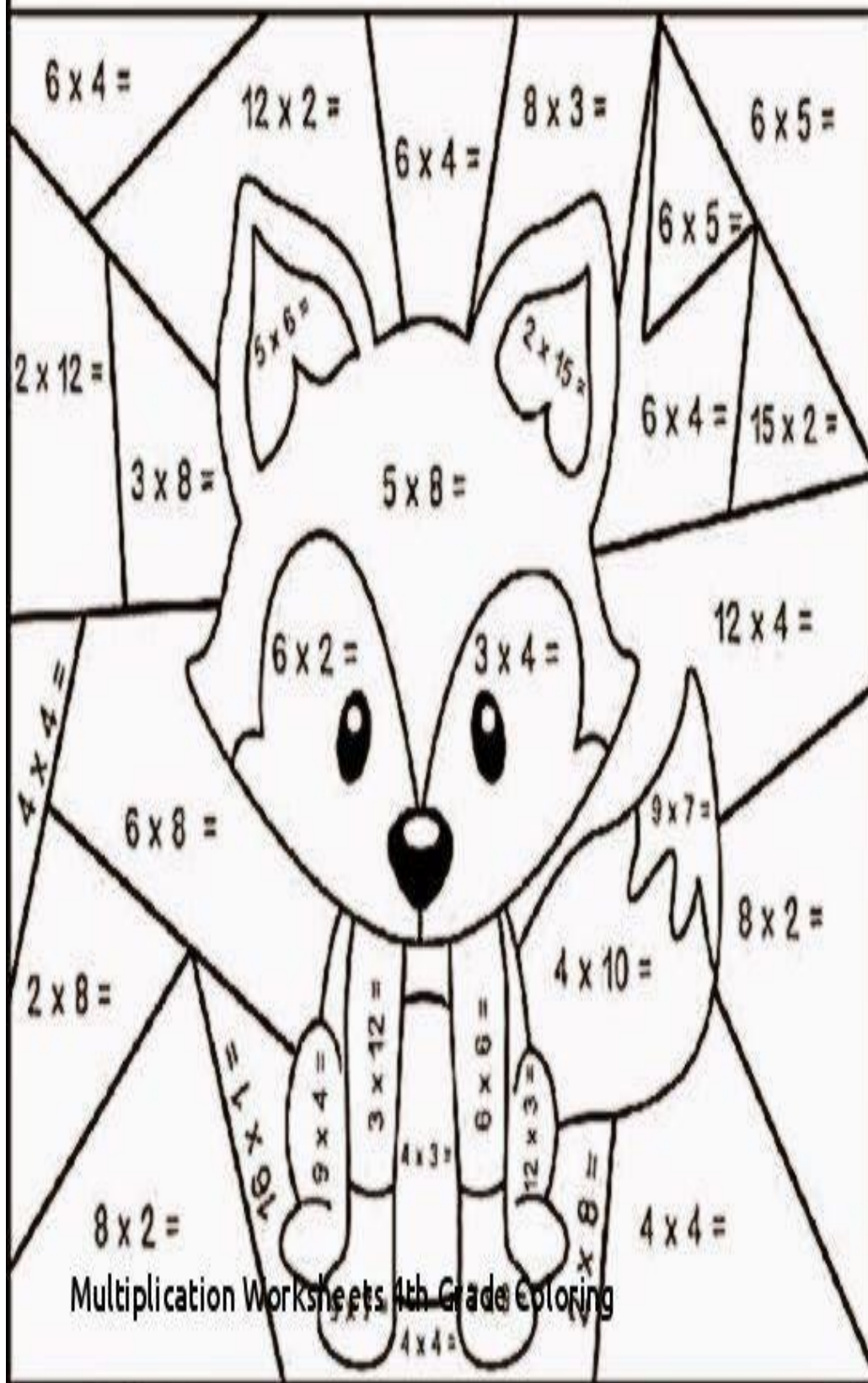
Mental Math

Follow the instructions and fill in the correct amount in each block.



Number	Add 10 more	Subtract 10 less	Add 100 more	Subtract 100 less
125				
368				
617				
282				
834				
473				
555				

COLOR BY THE CODE - Tricky Multiplication Facts



Codes

Product = 24
Light Blue

Product = 48
Dark Blue

Product = 30
Orange

Product = 16
Green

Product = 36
Light Brown
or Tan

Product = 40
Dark Brown

Product = 63
Gray

Product = 12
White

भटनागर इंटरनेशनल फाउंडेशन स्कूल
शीतकालीन अवकाश कार्य (2023-24)

कक्षा चतुर्थ
विषय – हिन्दी

चित्र वर्णन



क्रिया अभ्यास

.1. दिए गए वाक्यों में क्रिया शब्द रेखांकित करें।

- १ | परीक्षा हो रही है . ६ | हमने सजावट की.
२ | रेलगाड़ी आई. ७ | माताजी ने चावल पकाए.
३ | आग जल रही है. ८ | बिच्छु डंक मारता है.
४ | सेना मार्च कर रही है. ९ | राम को परीक्षा में सफलता मिली.
५ 15. अगस्त को हमने आज़ादी प्राप्त की | १० मेरी बहन ने अँगूठी खरीदी.

.2. वाक्य बनाओ |

| जिससे पता चले कि काम हो चुका है (१)

| जिससे पता चले कि काम अभी हो रहा है (२)

जिससे पता चले कि काम होगा (3)

.3. दिए गए वाक्यों में क्रिया शब्द भरें।

- १ | ----- सविता चित्र.
२ | ----- गाय दूध.
३ | ----- अभिमन्यु ने धनुष.

वचन बदलो

में बदलकर "ऐँ" में "आ"

में बदलकर "इयाँ" को "ई".1

१----- कक्षा.१

----- रानी.

२----- शिक्षिका.२

----- बिल्ली.

३----- दवाई.

३----- अध्यापिका.

४----- महिला.४

----- मिठाई.

५लड़की ----- सभा.५

६----- माला.६

----- नदी .

में बदलकर " में "ए"

में बदलकर "ए" को " आ".2

१----- किताब.१

----- कपड़ा.

२----- मशीन.२

----- गुब्बारा.

३----- घोड़ा.

३----- बात.

४----- सड़क.४

----- पौधा.

५----- रात.५

----- बेटा.

६----- माला.६

----- तोता .

.3वचन बदलो

१----- शिक्षक.२

----- दर्शक.

३----- यह.४

----- छात्र.

५----- मेरा.६

----- वह.

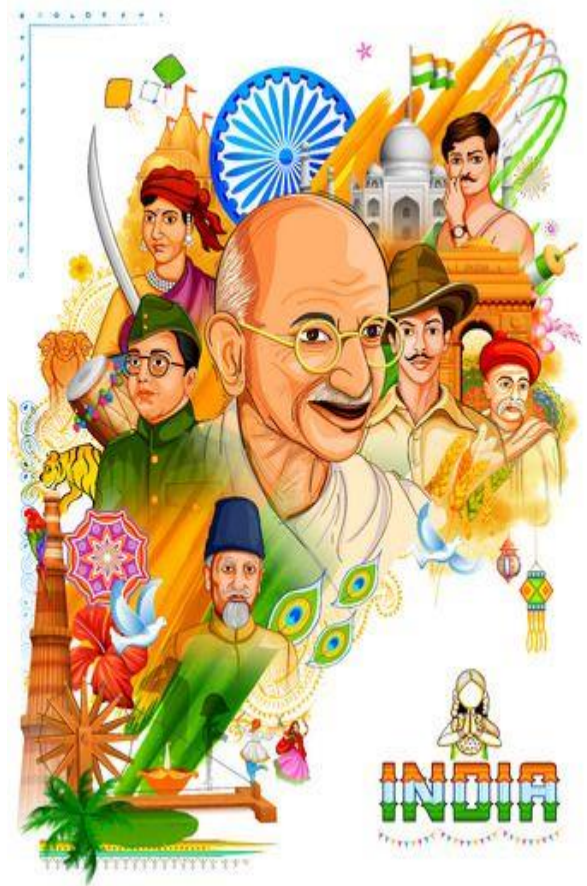
७----- उनका.८

----- था.

SOCIAL STUDIES

Task 1 - Indian Legends Pamphlet

In the land of courage, where dreams took flight,
Bravery stood tall, in the face of the night.
Freedom fighters, hearts so bold,
Stories of valor, forever told.
Gandhi's peace, a powerful force,
Bhagat Singh's courage stayed the course.
Rani Lakshmi Bai, fearless queen,
Nehru's vision, like a hopeful sheen.
In struggle they stood, a united band,
For a free India, hand in hand.
Through battles fought, and sacrifice so grand,
Bravery echoed across the land.
In the heart of history, their spirits soar,
Indian freedom fighters, forevermore.



TASK 1 - Choose an Indian Legend of your choice and design a pamphlet or brochure summarizing the key information about the chosen freedom fighter/ Indian legend. Include brief facts, quotes, and images to create an attractive visual layout. You may also include a short 5-6 line write up about what makes them an 'Indian Legend'.

This should be done on an A4 size sheet. Use both the sides of the A4 sheet to present all your information.

TASK 2 - Complete the following revision sheets given in your Social Studies Books. This needs to be completed in the book itself.

1. Revision 3 - Page No: 78
2. Revision 4 - Page No: 105
3. Revision 5 - Page No: 132

SCIENCE

Task 1 - Exploring Static Friction

As we explored Friction in our classroom. To explain again in simple terms-

What is Friction?

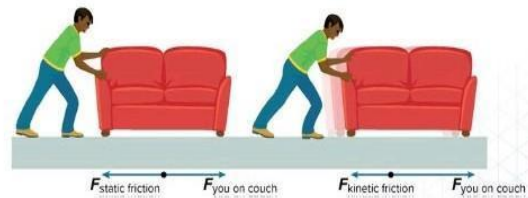
Friction is like a hidden force that tries to slow down or stop things when they are moving. It's what makes it a bit hard to slide a toy car on a carpet compared to sliding it on a smooth, shiny floor. This indicates that friction is less on smooth surfaces and more on rough surfaces.

Task - Now your task is to explore one of the types of friction which is **Static Friction**.

What is Static Friction?

Static friction is a force that keeps an object at rest. This is when something is not moving yet, like when you're trying to push a heavy box and it won't budge. Once you start pushing, it gets easier because the static friction is overcome.

- **Static friction** is the force exerted on one surface by another when there is no motion between the two surfaces.
- For example, in the image on the left, the force applied to the couch is balanced by the static friction force. The couch does not move.



Instructions- Perform the following experiments and answer the questions related to it. Take a picture while performing the experiment. Use an A4 size sheet for each experiment. Paste the picture of you performing the experiment on that sheet and write your observations/ given questions in the same A4 sheet.



Experiment 1



- **Materials:**

Balloon

Hair (long hair works best)

A wall or a smooth surface



Procedure :

1. Blow up the balloon and tie it off.
2. Rub the balloon against your hair for about 20-30 seconds.
3. Bring the balloon close to your hair without touching it. Observe what happens.

- **Questions:**

1. **What happened when you rubbed the balloon against your hair?**

Hint- Look for changes in the balloon and your hair.

2. **What did you observe when you brought the balloon close to your hair?**

Hint- Describe any movement or interaction you noticed between the balloon and your hair.

3. **Why do you think the balloon sticks to your hair?**

Hint- Think about what might be happening at the tiny, unseen level between the balloon and your hair.

4. **Can you come up with some other materials that might work instead of hair?**

Hint- Consider trying different materials to see if static electricity works with them as well.

5. **What do you think is causing this static interaction between the balloon and your hair?**

Hint- Think about the transfer of electric charge and how it might be affecting the balloon and your hair.



Experiment 2



- **Materials:**

Balloon

Water tap with a steady stream

- **Procedure:**

1. Blow up the balloon and tie it securely.

Turn on the water tap to create a steady stream of water.

2. Hold the balloon close to the water stream without touching it. Observe what happens.



Questions:

1. What did you notice when you brought the balloon close to the water stream?
2. Did the water stream bend towards the balloon or stay straight?
3. Did the balloon stick to the water stream, or did they repel each other?
4. Why do you think the water stream bends towards the balloon?
5. What happens if you use a balloon that hasn't been rubbed against your hair?

Try it and see!

6. Can you think of other objects or materials that might be attracted to a charged balloon?
7. How does the distance between the balloon and the water stream affect the bending of the water?

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ART AND CRAFT:



MAKE A LANDSCAPE PAINTING ON A3 SHEET

BHATNAGAR INTERNATIONAL FOUNDATION SCHOOL

COMPUTER

FUN ACTIVITY- Design a “New Year Card “on M S Word .Take a printout and paste it in the scrap file.



Tools that will be used –

- 1- Page colour
- 2- Page border
- 3- Word art
- 4- Text Style
- 5- Text Colour
- 6- Shapes
- 7- Alignment
- 8- Clip Art