

INSIDE

MAKE A BALLOON ROCKET



Tie one end of the string to a chair, door knob, or other support.

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Independence Day 2020



On 15th August 2020, Independence Day is celebrated to mark the end of British rule in India.

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After backlash, Vivo all set...



TWO DAYS after the IPL governing council decided to continue with Vivo as the T20 tournament's title sponsor, the Chinese smartphone maker is all set to pull out — at least for the 2020.

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My Bucket List Accidentally...



Recent research during COVID-19 lockdown has revealed that the health of the planet has recovered and the pollution level has considerably gone down especially noise pollution which is primarily due to unwanted sound.

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New Education Policy 2020: Future ahead for Indian Education System



Dr. TWINKAL PATEL
Founder Motherhood Foundation

The Draft National Education Policy, 2019 was came out last year in the public domain to analyse and seek public view. The T.S.R. Subramanian Committee report and the Ministry of Human Resource Development (MHRD), the K. Kasturirangan Committee has produced the policy document, now finally this policy got union cabinet approval in the year 2020 as a vision document.

What was the Salient features of New Education Policy (NEP) 2019?

- The policy aims to universalize the pre-primary education by 2025 and provide foundational literacy/ numeracy for all by 2025.
- It proposes new Curricular and Pedagogical Structure, with 5+3+3+4 design covering the children in the age group 3-18 years. Under this, Pre-Primary & Grades 1-2 is considered as foundational Stage; Grades 3-5 as Preparatory Stage; Grades 6-8 as Middle Stage and Grades 9-12 as Secondary Stage. This is an academic restructuring only; there will be no physical restructuring of schools. It aims at equitable & inclusive education for every child in the country, with a special focus on under-represented groups (URGs). Universal Access & Retention with 100% Gross Enrolment Ratio for all school education by 2030.
- Children learn languages, most quickly between 2-8 years, and multilingualism has great cognitive benefits for students. Therefore, a three-language formula has been proposed. It proposes the teaching of other classical languages and literature, including Tamil, Telugu, Kannada, Malayalam, Odia, Pali, Persian, and Prakrit in schools.
- A new independent State School



- Regulatory Authority (SSRA) to be created. It aims to consolidate 800 universities & 40,000 colleges into around 15,000 large, multidisciplinary institutions. The policy proposes three types of Higher Educational Institutions (HEIs): Research Universities, Teaching Universities and Autonomous degree-granting colleges.
- It aims to provide autonomy to all higher education institutions. Higher education institutions to be governed by Independent Boards with complete academic and administrative autonomy.
- An autonomous body called the National Research Foundation (NRF) to be set up through an Act of Parliament.
- Rashtriya Shiksha Aayog or the National Education Commission - apex body - to be constituted. It will be chaired by the Prime Minister and will comprise eminent educationists, researchers, Union Ministers, representation of Chief Ministers of States, eminent professionals from various fields. MHRD to be re-designated as the Ministry of Education (MoE).

Views in support of Draft National Education Policy:

- The school education will cover children of 3-18 years, instead of the present 6-14 years under the RTE Act. It covers three years under early childhood care and education (ECCE) and four years under secondary education. ECCE would facilitate play and discovery-based learning for children of that age

- group. Its emphasis on mother tongue-based education and oral language development are critical.
- The policy focuses on online learning as an alternative to regular classroom interaction between teachers and students. It helps in achieving the twin objectives of cutting costs and increasing enrolment. It aims to promote our culture through the study of classical languages, mother tongues, and regional languages.
- The teacher education system will be transformed, with rigorous preparation through a four-year integrated stage and subject-specific programs offered in multidisciplinary institutions.
- Professional education will become an integral part of the higher education system.

What changes there in the final draft 2020?

School Education in NEP:

- English medium teaching and learning will compulsory from elementary education. The NEP seems to make an effort to widely open the access to knowledge in Indian languages and break the monopoly of English language.
- The new system will have 12 years of schooling with three years of Anganwadi/pre-schooling.
- The new system giving provision to breakfast along with midday meal.
- No language will be imposed on any student.

Turn to p2



To feature your school event on this page, send the details and photographs to editor@theopenpage.co.in

Various Activities Celebrated By The Students Of CCIS Green Campus



Clay Modelling

Blue Day Celebration

Various Activities Celebrated By The Students Of CCIS SG Campus



Environment Day Celebration

Rakshabandhan Celebration by the Students of Tender Touch School



Contd. From Page 1

School Education in NEP

- In the Higher Education, Efforts will be made incentivize the merit of students belonging to SC, ST, OBC, and other SEDGs. National scholarship portal will be expanded to support.
- Multiple entry and exit points with course completion certification students will get.
- An Academic Bank of Credit (ABC) is to be set up for digitally storing academic credits earned from different and can be transferred and counted towards final degree earned.
- Under Graduate can be of 3 or 4 years. Certificate after one year, Advance Diploma after two years, Bachelor's Degree after three years and Bachelor's with Research after four years.
- Higher Education Commission of India (HECI) and National Mission for Mentoring will be established.

education to 20% from the current 10%. The report has appealed to philanthropists and companies to route their corporate social responsibility (CSR) funds to supplement government efforts, but it forgets that such funds will not be ideologically neutral.

Expanding coverage under the RTE Act to include pre-school children is extremely important, but should perhaps be introduced gradually, keeping in mind the quality of infrastructure and teacher vacancies. Amendment of the Act can perhaps wait for a while.

The idea of setting up the Rashtriya Shiksha Aayog is crucial in order to integrate the approaches and programs of multiple departments. However, bringing medical or agricultural or legal education under one umbrella is likely to be met with stiff opposition. Language issues have to be handled sensitively in view of their emotional overtones, as witnessed recently

Challenges in implementation:

Draft NEP recommended doubling of public funding to 6% of the GDP and increasing overall public expenditure on

Conclusion:

It is expected to help India in reaping its demographic dividend. However, the National Education Policy has certain core points that need to be relooked at for the benefit of teachers and students alike.

World Nature Conservation Day Celebration



Name: Sarah Khan

School: Cosmos Castle International School

Standard: 10th CBSE

Percentage scored in board exam? 96.8

How much time do you spent on studies in a day? 4 to 5 hours

What motivates you to study?

The great achievers that emerge every year after the board examinations motivate and inspire me to work hard. Also the constant support of my parents and teachers motivates me to study better and to make them proud. The satisfactory smile on my parents' face tells me to always keep doing better.

Do you get leisure time? Yes.

What do you do in your leisure time?

I mostly worship in leisure time. I thank the almighty for blessing me in every way and for pardoning success in every step of mine. I also listen to songs for bursting my stress away.

Hobbies: Painting, Listening music, and watching movies.

Do you prefer reading books other than syllabus? (Can you name it)

No. I strictly prefer the NCERT textbooks. I read the books almost 3 to 4 times which made my concepts crystal clear. NCERT textbooks definitely paved the way for me to score good marks. For Mathematics and Science too I would suggest that NCERT textbook will be a great help.

What is your goal in life?

I have thought of becoming a Chartered Accountant. But let's see what the destiny has planned for me.

What advice you would give to other students?

I would suggest that reference of NCERT textbook will surely lead to the best results. For cracking board exams regular study is a must. There should be at least 2 hours of self study with full concentration. Also one shouldn't forget the necessity of mind relaxation. Board exams can be and should be cleared without stress.



Name: Vasu Agrawal

School: Cosmos Castle International School

Standard: 10th CBSE

Percentage scored in board exam?

86

How much time do you spent on studies in a day?

4-5 Hours

What motivates you to study?

Scoring best marks and completing future dreams

Do you get leisure time?

Yes

What do you do in your leisure time?

Either play sometime or practice of my musical instrument

Hobbies

Reading novels, playing and practicing my music instrument

Do you prefer reading books other than syllabus? (Can you name it)

Yes. (Thriller novels)

What is your goal in life?

Aeronautical Engineer

What advice you would give to other students?

Must read NCERT repeatedly and practice sums daily.



Name: Yana R. Manger

School: Adani Vidya Mandir

Standard: 10th CBSE

Percentage scored in board exam?

86.2

How much time do you spent on studies in a day?

3-4 hours (apart from school)

What motivates you to study?

My dreams

Do you get leisure time?

Yes

What do you do in your leisure time?

Power naps or makes a schedule

Hobbies

Watch movies and eat

Do you prefer reading books other than syllabus? (Can you name it)

Yes (For 10th, I read All in One)

What is your goal in life?

Doctor

What advice you would give to other students?

Don't work hard, work smart...



Name: Reeya Bhatt

School: Cosmos Castle International School

Standard: 12th CBSE

Percentage scored in board exam?

92.4

How much time do you spent on studies in a day?

5-6 hours, but more in examination times.

What motivates you to study?

According to me, it's the thought of getting a good grade. Nothing can beat the happiness of a good grade. And, also, the knowledge that studying brings. It's nice to have new knowledge and understanding.

Do you get leisure time? Yes.

What do you do in your leisure time?

Listen to some music and go out for a walk. **Hobbies:** My hobbies include singing and dancing.

Do you prefer reading books other than syllabus? (Can you name it)

Yes, I've read certain books in this lockdown, mainly philosophical and spiritual. It's: the power of the subconscious mind the sapiens

What is your goal in life?

To lead a peaceful life and never stop gathering knowledge.

What advice you would give to other students?

The very friendly advice I would like to give here, is just believe in yourself and work hard every day. Don't skip your revisions any single day.



Name: Ujjawal Krishna Rathore

School: Cosmos Castle International School

Standard: 10th CBSE

Percentage scored in board exam?

89.4

How much time do you spent on studies in a day?

3 hours

What motivates you to study?

Do you get leisure time?

Yes

What do you do in your leisure time?

Watch mobile or T.V. and Cube solving.

Hobbies

Chess, Cube Solving

Do you prefer reading books other than syllabus? (Can you name it)

No

What is your goal in life?

To become neurosurgeon

What advice you would give to other students?

You should study but never sacrifice your free time.



Name: Princy Haresh bhai Patel

School: Adani Vidhya Mandir

Standard: 10th CBSE

Percentage scored in board exam?

91.6

How much time do you spent on studies in a day?

5

What motivates you to study?

My father motivates me to study

Do you get leisure time? About 25-30 min

What do you do in your leisure time?

Exercise and yoga

Hobbies Traveling and reading

Do you prefer reading books other than syllabus? (Can you name it)

Yes, Ignited mind by Dr.A.P.J Abdul Kalam

What is your goal in life?

To become an A.I Engineer

What advice you would give to other students?

Always be focused towards your goals and be thankful to parents, teacher and off course GOD



Name: Sushant Katewa

School: Cosmos Castle International School

Standard: 10th CBSE

Percentage scored in board exam?

94

How much time do you spent on studies in a day?

3-4

What motivates you to study?

Achieving success

Do you get leisure time? Yes

What do you do in your leisure time?

Exercise and some screen time

Hobbies

Badminton

Do you prefer reading books other than syllabus? (Can you name it)

Science fictions

What is your goal in life?

To become a good human and serve my country.

What advice you would give to other students?

A proper time-table and determination to achieve your goal is very important



Name: Dhairy Manishkumar Dave

School: Adani Vidya Mandir

Standard: 12th Science CBSE

Percentage scored in board exam?

87.6

How much time do you spent on studies in a day?

2-5 hours

What motivates you to study?

Scoring good marks

Do you get leisure time? Yes

What do you do in your leisure time?

Play Video Games and Outdoor Games

Hobbies

Sketching

Do you prefer reading books other than syllabus? (Can you name it)

No

What is your goal in life?

To become Engineer

What advice you would give to other students?

It's never late to start studying



Name: Riya Solanki

School: Adani Vidya Mandir

Standard: 10th CBSE

Percentage scored in board exam?

90.6

How much time do you spent on studies in a day?

5 hours

What motivates you to study?

Since, I consider myself a hardworking person and I always strive to give me best, and I always believe that one should never settle for anything less than he/she deserves and this kept me going, also my strongest belief that none of us are perfect and you can be the best of you only by being flawed and as I trust

myself I feel I have everything as my "Brahmastra in my will".

Do you get leisure time?

I got leisure of hardly an hour.

What do you do in your leisure time?

I used to spend that time writing poems and used to dance and I also used to track myself which helped me to find my lacking points and work hard for making it better.

Hobbies

I love dancing and acting and writing poems

Do you prefer reading books other than syllabus? (Can you name it)

Yes, I like to read biography books they fill me with positivity, Biography of Dhirubhai Ambani, Lakshmi bai queen of Jhansi, Sardar vallabhbhai patel, Mother Teresa and Nelson Mandela are my favourites.


What is your goal in life?

To be a Journalist or an Actor and to contribute towards my society is my biggest goal.


What advice you would give to other students?

To keep yourself motivated even when you feel strained and read positive articles and give some time to what you love to do to distress yourself... Let it be dance, reading books or cooking.


Name : Hitav Vyas
School: Cosmos Castle International School
Standard: 10th CBSE
Percentage scored in board exam? 88.2
How much time do you spent on studies in a day? around 5 to 6 hrs
What motivates you to study?
My Dream of cracking upsc
Do you get leisure time? yes
What do you do in your leisure time?
Listen to music, read books and playing piano
Hobbies Reading books, playing piano, listening to music
Do you prefer reading books other than syllabus? (Can you name it)
Yes (friction and auto biography)
What is your goal in life?
Cracking UPSC
What advice you would give to other students?
Do what ever your heart tells and study only a limited period of time in a day If you think you can study for only 2 hrs a day then study only for 2 hrs and never be afraid of exam and anxious before and after the result and exam




Name: Krishna Dilipkumar Joshi
School: Adani vidya mandir
Standard: 10th Commerce
Percentage scored in board exam? 86
How much time do you spent on studies in a day? 4 to 3 hours daily. On holidays- 5-6 hours.
What motivates you to study?
My goal & my dream lifestyle always motivates me to study. My mom always reminds me whether my action is taking me to my dream future if not than she always ask me that will I be able to live normal lifestyle. I know myself.... so my future lifestyle & mom plays significant role in motivating me to study.
Do you get leisure time?
Leisure time is really important. I don't get much leisure time but i do try to use leisure time productively.
What do you do in your leisure time?
1 Go for a walk with my best friend. 2 Listen to motivating songs. 3 watch TV for few minutes.
Hobbies
My hobbies are drawing , playing outdoor games , travelling as it refresh you the most , volunteering or advising , photography
Do you prefer reading books other than syllabus? (Can you name it)
Yes. Nowadays I love reading books. Books which I read are the following: - 1) Self Esteem 2) 10 success principles to remember. 3) Think today dream today start today. 4) Happiness without cause. 5) Think & focus like a star. 6) Goosebumps 7) towards a better life.
What is your goal in life?
There are many goals in my life. Few goals are: - Main goal - BEST LIFE EVER 1) Top most Fashion designer. 2) To achieve the Lifestyle that I am dreaming. 3) Gain respect, fame, reputation, amount of money which never makes me think of amount I am spending. 4) be happy every time without any reason.
What advice you would give to other students?
Whatever your goal must be, always try to achieve it & never ever underestimate your abilities. Before that make goals. About studies I'll advice you to make time tables & your cover-ups because that will help you the most. Also do try to manage your time like pro.




Name : Chavda Shalin Dharmendrakumar
School: Adani Vidya Mandir
Standard: 12th Science CBSE
Percentage scored in board exam? 88.88
How much time do you spent on studies in a day? 8 - 7
What motivates you to study?
My Sister - doctor
Do you get leisure time?
Very Rarely
What do you do in your leisure time?
Play football and games
Hobbies
Listen music and ride bicycle
Do you prefer reading books other than syllabus? (Can you name it)
Yes. How to win friends and influence people.
What is your goal in life?
To crack NEET
What advice you would give to other students?
Don't get distracted from your goal.




Name : Yash Prajapati
School: Adani Vidya mandir
Standard: 10th CBSE
Percentage scored in board exam? 89.5
How much time do you spent on studies in a day? 1 hour
What motivates you to study?
Silent environment
Do you get leisure time?
Yes
What do you do in your leisure time?
I usually play cricket or other games
Hobbies
To play sports
Do you prefer reading books other than syllabus? (Can you name it)
Yes, Harry Potter
What is your goal in life?
To be successful.
What advice you would give to other students?
Always do smart work instead of hard work.




Name: Ishita Mukeshbhai Parmar
School: Adani Vidya Mandir
Standard: 10th CBSE
Percentage scored in board exam? 92.5
How much time do you spent on studies in a day? 5-6 hours
What motivates you to study?
I have many reasons to study. Though My father is a handicap he works day and night for the family and he fulfills all our wishes. And yes he just have one wish that I should become successful in my life. It is now my duty to fulfill his wish. My mother is also an inspiration to me




Name : Saniya Mohsin bhai Vhora
School: Adani Vidya Mandir
Standard: 12th Science CBSE
Percentage scored in board exam? 93.2
How much time do you spent on studies in a day? 6 to 7 hours
What motivates you to study?
My goal and my inspiring teachers
Do you get leisure time?
Yes
What do you do in your leisure time?
Chatting with my best friend
Hobbies
Read books and listen music
Do you prefer reading books other than syllabus? (Can you name it)
Yes (Winds of fire, the power of your subconscious mind)
What is your goal in life?
To be a doctor (Gynecologist)
What advice you would give to other students?
Believe in yourself.... "If you think you can do it, you can"




Name : Tushar Talaviya
School: Adani vidya mandir
Standard: 10th CBSE
Percentage scored in board exam? 91.2
How much time do you spent on studies in a day? 4 hours
What motivates you to study?
To get more marks in every next exam
Do you get leisure time?
Yes
What do you do in your leisure time?
YouTube surfing
Hobbies
Cycling, playing games
Do you prefer reading books other than syllabus? (Can you name it)
No
What is your goal in life?
IT Engineer
What advice you would give to other students?
Don't take tension to much for studies. And do your best in giving exam.



Name : Bhavsar Joy Devang
School: S.S.R.V.M
Standard: 10th CBSE
Percentage scored in board exam? 86
How much time do you spent on studies in a day? 6 hours
What motivates you to study?
Do you get leisure time?
Yes.
What do you do in your leisure time?
Outdoor games, cycling
Hobbies
Chess, volleyball
Do you prefer reading books other than syllabus? (Can you name it)
No
What is your goal in life?
Become a successful entrepreneur
What advice you would give to other students?
Be consistent in study.



Name: Bhargavi Mukeshbhai Makwana
School: Adani Vidhya Mandir
Standard: 10th board
Percentage scored in board exam? 91
How much time do you spent on studies in a day? 5-6 hours
What motivates you to study?
Hard work of parents
Do you get leisure time?
yes
What do you do in your leisure time?
Watch videos on YouTube regarding tricks to make study easier
Hobbies
Drawing, dancing, crafting etc.
Do you prefer reading books other than syllabus? (Can you name it)
Sometimes motivational books of sanjay Raval etc.
What is your goal in life?
To become a doctor (cardiologist)
What advice you would give to other students?
It's now or never



as she started teaching me from last 12 years. My parents sacrificed many things just for me and supported me in everything. And this is the reason why I chose study and not the leisure time.
Do you get leisure time?
Yes, I do get leisure time but not much.
What do you do in your leisure time?
I watch TV and play badminton and relaxes my mind.
Hobbies
Reading, photography, traveling and listening to music
Do you prefer reading books other than

syllabus? (Can you name it)
Yes, reading books relaxes mind and keep you focus on studies. I was reading a book named, "I am Mind".
What is your goal in life?
IAS officer
What advice you would give to other students?
Just keep reading textbook thoroughly and Mark important points in textbook. Prepare a daily schedule and follow it strictly. It will help you in achieving your target. Revise the syllabus on daily basis and most importantly stay away from negative people.

Crunchy Breakfast Tacos

Ingredients

- 8 hard corn taco shells
- 6 large eggs
- 1 teaspoon taco seasoning with salt or chili powder
- 2 tablespoons unsalted butter
- 1 cup shredded Mexican-style cheese blend
- 3 or 4 scallions, chopped
- 1/2 cup salsa or taco sauce
- 1 cup shredded romaine or iceberg lettuce
- 1/2 cup grape tomatoes, halved or quartered if large
- Sliced black olives and sour cream, for serving, optional

Directions

1. Preheat the oven to 350 degrees F. Warm the taco shells on a baking

sheet, about 5 minutes.

2. Crack the eggs into a bowl, add the taco seasoning and whisk well with a fork. Heat a medium nonstick skillet over medium-high heat. Melt the butter in the skillet; when it foams and bubbles, add the eggs and reduce the heat to low. Cook the eggs, stirring regularly with a wooden spatula to break them up, until set, 3 to 4 minutes.
3. Line the center of each taco shell with about 2 generous tablespoons of the scrambled eggs. Top with some of the cheese, scallions and lettuce and a spoonful of salsa. Garnish with some chopped tomatoes, and serve with olives and sour cream on the side if using.



Oatmeal Cookie Smoothie

Ingredients

- 3/4 cup rolled oats
- 1/4 cup raisins
- 1/4 teaspoon pumpkin pie spice
- 1 cup whole milk, plus more if needed
- 1/2 cup full-fat vanilla yogurt
- 1 tablespoon dark brown sugar

Directions WATCH

1. Add the oats, raisins and pumpkin pie spice to the carafe of a blender and pour in the milk, adding more to cover the oats if needed. Stir completely and set aside until the oats are soft, 15 minutes.
2. Blend on high speed

until pureed and smooth, about 1 minute. Add the yogurt, brown sugar and 1 1/2 cups ice, and blend on high speed until smooth, about 30 seconds. Pour into 2 pint glasses.



QUIZ

1. Which Saint's Day is celebrated on 14th February?
2. Which famous children's book has two characters named Tweedledum and Tweedledee?
3. Which planet is known as the Red Planet?
4. Place these shapes in order of how many sides they have—square, triangle, octagon, and hexagon?
5. Which of the following is not a metal: gold, resin, glass?
6. Which is the largest plateau in the world?
7. In which ocean did the famous Titanic sink in 1912—Pacific, North Atlantic, or the Mediterranean?
8. What is the next number in the following sequence—7, 14, 21, 28?
9. Which two parts of the body continue to grow for your entire life?
10. What makes up (approx.) 80% of our brain's volume?

Send your answer to openpageyrc@gmail.com. Names of the Winners would be announced in the next issue

MAKE A BALLOON ROCKET



You will need

- 1 balloon (round ones will work, but the longer "airship" balloons work best)
- 1 long piece of kite string (about 10-15 feet long)
- 1 plastic straw
- tape

What to do

1. Tie one end of the string to a chair, door knob, or other support.
2. Put the other end of the string through the straw.
3. Pull the string tight and tie it to another support in the room.

4. Blow up the balloon (but don't tie it.) Pinch the end of the balloon and tape the balloon to the straw as shown above. You're ready for launch.
5. Let go and watch the rocket fly!

How does it work?

So how does it work? It's all about the air...and thrust. As the air rushes out of the balloon, it creates a forward motion called THRUST. Thrust is a pushing force created by energy. In the balloon experiment, our thrust comes from the energy of the balloon forcing the air out. Different sizes and shapes of balloon will create more or less thrust. In a real rocket, thrust is created by the force of burning rocket fuel as it blasts from the rocket's engine — as the engines blast down, the rocket goes up!

FILL IN THE COLORS

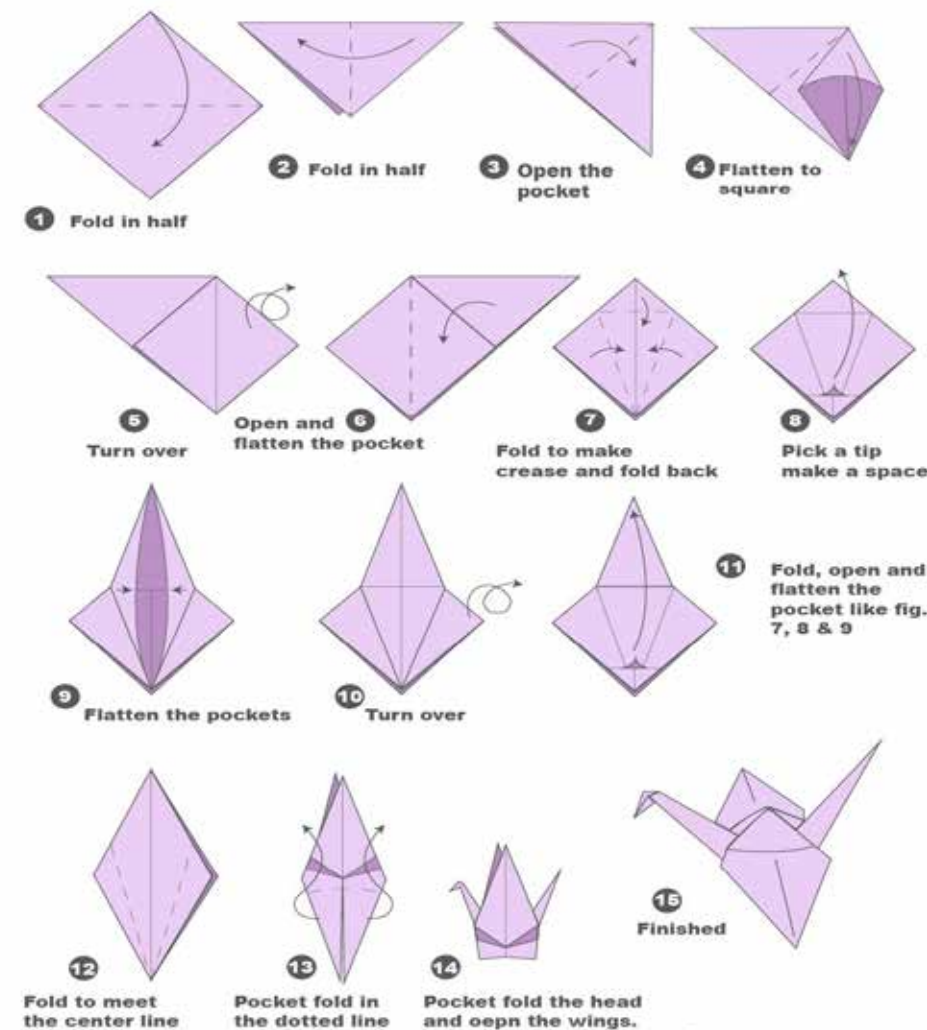
Disney
FROZEN II

SUDUKO

					3		8	5
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				4				9

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ORIGAMI

**Crane**

RIDDLES FOR KIDS

1. You bought me for dinner but never eat me. What am I?
2. David's parents have three sons: Snap, Crackle and...?
3. Mary has four daughters, and each of her daughters has a brother — how many children does Mary have?
4. What is easy to get into but hard to get out of?
5. How can a leopard change its spots?
6. You draw a line. Without touching it, how do you make it a longer line?
7. What begins with an E but only has one letter?
8. If a red house is made of red bricks, and a yellow house is made of yellow bricks, what is a greenhouse made of?
9. How many letters are there in the English alphabet?
10. What is full of holes but still holds water?

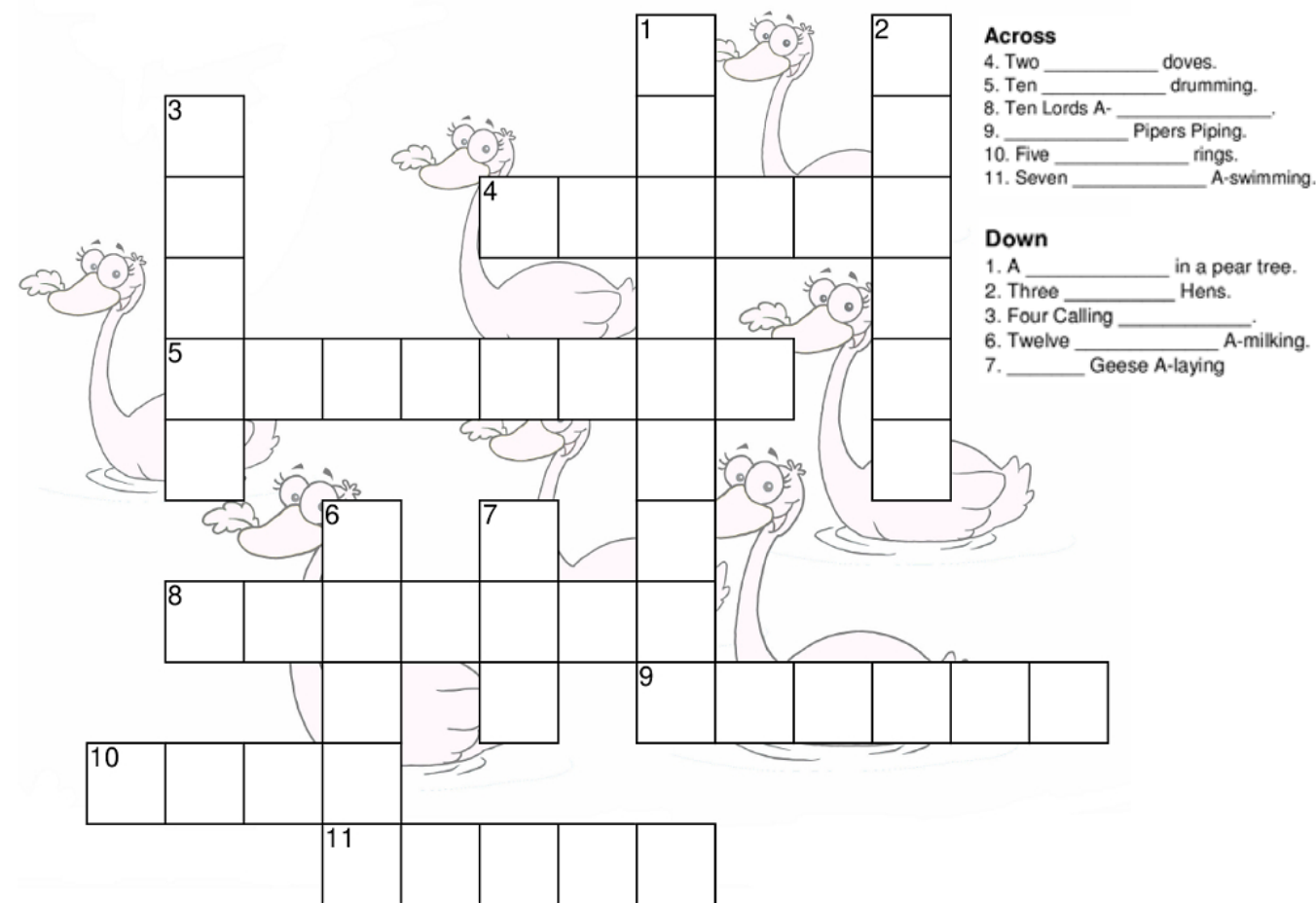
FIND THE WAY



FIND THE DIFFERENCE



WORD SEARCH



MATH WORKSHEETS

1. $5 \times 2 + (37 + 3 \times 5) + 37 = \underline{\hspace{2cm}}$
2. $(20 + 30 + 14) + 21 + 1 \times 2 = \underline{\hspace{2cm}}$
3. $(31 - 6 - 16) + 14 \times 5 + 6 = \underline{\hspace{2cm}}$
4. $(30 - 11) - 16 + 30 + 17 - 22 = \underline{\hspace{2cm}}$
5. $(18 - 7) + 20 - 8 + 24 \times 1 = \underline{\hspace{2cm}}$
6. $5 + 26 \times 2 + (40 \times 5 + 14) = \underline{\hspace{2cm}}$
7. $9 \times 8 \times 10 - (37 + 4) + 2 = \underline{\hspace{2cm}}$
8. $29 + 37 + (24 \times 3 + 37) + 40 = \underline{\hspace{2cm}}$
9. $7 \times 1 \times (8 \times 6) + 14 \times 8 = \underline{\hspace{2cm}}$
10. $4 + (25 \times 1 - 25) + 18 + 24 = \underline{\hspace{2cm}}$
11. $34 - 10 \times 2 + 23 \times (4 + 5) = \underline{\hspace{2cm}}$
12. $7 \times (7 + 12 \times 7 + 27 + 28) = \underline{\hspace{2cm}}$

Independence Day 2020



INDIAN INDEPENDENCE DAY QUOTES

On the occasion of India's Independence Day, here are 10 quotes by famous personalities on Indian Independence Day.

“May the sun in his course visit no land more free, more happy, more lovely, than this our country!” – **Sardar Bhagat Singh**

“Let new India arise out of peasants' cottage, grasping the plough, out of huts, cobbler and sweeper.” – **Swami Vivekananda**

“If yet your blood does not rage, then it is water that flows in your veins. For what is the flush of youth, if it is not of service to the motherland.” – **Chandra Shekhar Azad**

“If the deaf are to hear the sound has to be very loud.” – **Sardar Bhagat Singh**

“The shots that hit me are the last nails to the coffin of the British rule in India.” – **Lala Lajpat Rai**

“You must be the change you want to see in the World” – **Mahatma Gandhi.**

“The Constitution is not a mere lawyer's document, it is a vehicle of Life, and its spirit is always the spirit of Age.” – **B. R. Ambedkar**

“Freedom is never dear at any price. It is the breath of life. What would a man not pay for living?” – **Mahatma Gandhi**

“Swaraj is my birthright and I shall have it” – **Bal Gangadhar Tilak**

“We are Indians, firstly and lastly.” – **B.R. Ambedkar”**

schools and colleges, host a special ceremony for enlightening the students about the historical significance of this day. Children fly tri-colored kites to celebrate this occasion.

As we celebrate the 74th Independence Day this year, we can proudly say

that our country has made significant progress in all these years. Be it military, education, technology, sports, or infrastructure, India has improved in all the fields, and yes, the road ahead is full of development and prosperity.

Facts about Indian Independence Day

- India's name is derived from the River Indus, the home of the Indus Valley Civilization, and is considered one of the first ever civilizations. And our country's name in Sanskrit is Bhartiya Ganrajya.
- Jawahar Lal Nehru, India's first prime minister was featured in Vogue Magazine wearing his traditional coat, so his single-breasted jacket became a Fashion trend in the West.
- India has always been a peace-maker. Indeed, history speaks of it! India has never invaded any country in the last 1,00,000 years of history.
- Bhagat Singh, the Inspiring Soul of India was silver-tongued in many different languages that includes Swedish, French, English, Arabic, Hindi, and Punjabi, and not just that, he was a voracious reader as well.
- There have been various versions of our national flag, and it is often assumed that Mahatma Gandhi was the one who proposed the design of the Indian flag. In reality, it was Pingali Venkayya, a freedom fighter who came up with the idea of our very flag!
- Sardar Vallabhai Patel won the Prime Ministry elections fair and square, but Nehru didn't want to play second in command to anyone and Gandhi had a soft spot for Nehru, Sardar Patel was pulled down.

On 15th August 2020, Independence Day is celebrated to mark the end of British rule in India. Read on to know more about Independence Day, History and Significance of Independence Day, and a lot more. Independence day is one of the days when patriotism is in the air across the country. The occasion also reminds us of our valiant freedom fighters who fought selflessly and even sacrificed their lives for our country to attain freedom from colonial rule. Let us know more in detail about Independence Day 2020.

What is the History of Independence Day in India?

British rule began in India in the year 1757, preceded by the victory of English East India Company at the Battle of Plassey and acquired control over the country. East India Company took power in India for almost 100 years and then the British crown replaced it via Indian Mutiny in 1857-58. During World War I, the Indian Independence movement commenced. It was guided by Mahatma Gandhi, who advocated the method of nonviolence, non-cooperation movement followed by the Civil Disobedience movement.

On 20th February 1947, British Prime Minister Clement Atlee announced that by 30th June 1948, the British rule in India would end, after which the powers would be transferred to a responsible Indian. This announcement was followed by the Muslim League's agitation and demand for the partition of the country. Later, on 3rd June 1947, British Government announced that any Constitution set up by the Indian Constituent Assembly which was formed in the year 1946, cannot apply to those parts of the country which were disinclined to accept it. On the same day, 3rd June 1947, Lord Mountbatten, the viceroy of India, put forth the partition idea known as Mountbatten Plan. The Muslim League and the Congress agreed to the proposal. The immediate effect was given to the intention of enacting the Indian Independence Act 1947.

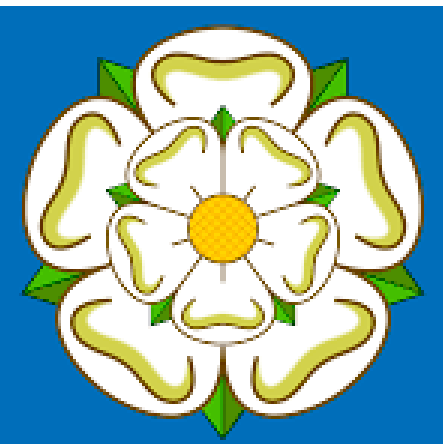
The British rule in India came to an end on 14-15 August 1947, midnight. Therefore, the power was reassigned to the two new independent Dominions of India and Pakistan. Lord Mountbatten was the first to become the governor-general of the new Dominion of India. The first Prime Minister of Independent India was Jawahar Lal Nehru. The Constituent Assembly that was constituted in 1946 became the Parliament of Indian Dominion.

How is Independence Day Celebrated?

On Independence Day, the Indian flag is hoisted at multiple public places; the Prime Minister unfolds the nation's flag at Red Fort in Delhi to remember and celebrate this historic event. Along with the flag-hoisting ceremony, parade and folk-dance performances also happen. Multiple activities take place in different parts of the nation.

Academic institutions, including

1 August – Yorkshire Day



Yorkshire Day is celebrated every year on 1st August. It is the UK's largest country. This day is celebrated to honour everything about the history of the country to its most memorable residents.

2 August (First Sunday of August) – Friendship Day



Friendship Day is celebrated on the first Sunday of August and in 2020 it falls on 2 August. In 1935, a tradition of dedicating a day in honour of friends began in the US. Gradually Friendship Day gained popularity and various countries including India also celebrate this day.

4 August - U.S. Coast Guard Day



Every year on 4 August U.S. Coast Guard Day is observed to honour the establishment of the Revenue Marine on 4 August in 1790 by the Secretary of the Treasury Alexander Hamilton.

6 August – Hiroshima Day



HIROSHIMA DAY – 6 AUGUST 2020

Hiroshima Day is observed on 6 August every year. This is the day when the atomic bomb was dropped on the Japanese city of Hiroshima.

7 August (First Friday of August) - International Beer Day



International Beer Day is observed on the first Friday of August. Originally it was started in Santa Cruz, California in 2007.

8 August – Quit India Movement Day



All India Congress Committee session in Bombay on 8 August, 1942, Mohandas Karamchand Gandhi launched the 'Quit India Movement'. It is also known as August Movement or August Kranti.

9 August - Nagasaki Day



The United States on 9 August, 1945 dropped a second bomb on Japan at Nagasaki and the bomb is also known as 'Fat Man'. It was dropped three days after the atomic bombing of Hiroshima.

9 August - International Day of the World's Indigenous Peoples



Every year International Day of the World's Indigenous Peoples is celebrated on 9 August to encourage people from around the world to spread the UN's message on the protection and promotion of the rights of indigenous peoples.

12 August – International Youth Day



International Youth Day is celebrated on 12 August around the globe to focus on the development and protection of youth in the society.

13 August - International Lefthanders Day



Every year on 13 August Lefthanders Day is observed. It raises awareness about the problems and difficulties that left handed persons faced.

14 August - Youm-e-Azadi (Pakistan Independence Day)



Youm-e-Azadi or Pakistan Independence Day is observed annually on 14 August. On this day Pakistan achieved Independence and was declared a sovereign nation following the end of British rule in 1947.

15 August - National Mourning Day (Bangladesh)



On 15 August, National Mourning Day in Bangladesh is observed. On this day Bangladesh's first President Sheikh Mujibur Rahman was assassinated along with most of his family members.

15 August – Independence Day in India



Every Year on 15 August, India celebrates Independence Day. As on this day, India got freedom from British rule. It makes us remind about a new beginning, the beginning of a new era free from British colonialism of more than 200 years.

After backlash, Vivo all set to pull out of 2020 IPL

TWO DAYS after the IPL governing council decided to continue with Vivo as the T20 tournament's title sponsor, the Chinese smartphone maker is all set to pull out — at least for the 2020 edition starting next month in the UAE. Confirming the development, a BCCI official told The Indian Express that an official statement on the withdrawal will be issued in "a couple of days". The parting of ways, temporary and by mutual consent, follows a public backlash after the council decided Sunday to hold the IPL from September 19 to November 10 in the UAE, and continue with its China-linked sponsors.

Vivo acquired the IPL title sponsorship for Rs 2,199 crore in 2018 in a five-year deal. "We (BCCI and Vivo) sat after the governing council meeting and agreed on a one-year moratorium. We will also see if their contract can be extended by one year after 2023. This issue will be settled amicably," the BCCI official said.

An IPL council member, too, confirmed the development. "We will issue a new RFP (Request For Proposal). The process will be very transparent," the member said.

On the possibility of getting a new sponsor in such a short period, amid the Covid distress, another council member



said: "The IPL is the game's most saleable product. Also, because of the pandemic, people are staying home, which means more eyeballs on TV. So if we can present our case properly, we will have takers. Already, they (senior board officials) are in talks with a couple of people," he said.

The IPL's decision to continue with its China-linked sponsors came amidst calls from various sections to boycott Chinese products in the wake of border clashes that led to the killing of 20 Indian soldiers.

Following the IPL move, former J&K CM and National Conference leader Omar Abdullah tweeted: "Chinese cell-

phone makers will continue as title sponsors of the IPL while people are told to boycott Chinese products. It's no wonder China is thumbing its nose at us when we are so confused about how to handle Chinese money/ investment/ sponsorship/ advertising."

The Confederation of All India Traders (CAIT) said that it has written to Union Home Minister Amit Shah and External Affairs Minister S Jaishankar, opposing the BCCI's decision. The RSS affiliate, Swadeshi Jagran Manch, called on fans to consider boycotting the league.

BCCI sources said that according to the IPL's sponsorship contracts, a mutual agreement to part ways "will spare



both parties a lot of technical and legal hassles".

Apart from Vivo, the IPL's Chinese connections include Paytm, with investment from Alibaba, as official umpire partner. Dream 11, the online fantasy league partner, and Swiggy, an associate sponsor, are linked to internet giant Tencent.

The latest move, however, appears to have taken the IPL franchises by surprise. One franchise official described the move as "shocking". "The IPL is a huge brand and a replacement will be available, but the sponsorship amount may not be on a par with the existing one," said the official.

The BCCI shares the broadcast revenue of IPL with the franchises on a 50:50 ratio, apart from handing over 10-20 per cent of the other sponsorship revenue. In an IPL away from home, with increased overhead expenses and without gate receipts, franchises are already walking a financial tightrope. "We would do well to just break even," said the official.

Manchester United, Inter Milan reach quarters as Europa League returns

Manchester United and Inter Milan booked their places in the Europa League quarterfinals Wednesday as continental soccer returned in empty stadiums amid the coronavirus pandemic.

United won 2-1 against LASK Linz to complete a 7-1 aggregate win over the Austrian club, five months after the first leg was played. LASK held the lead on the night for two minutes after Philipp Wiesinger's 55th-minute goal, but Jesse Lingard soon leveled for United. Anthony Martial scored another for United in the 88th.

"They haven't played for a while, some of these lads, and it showed," Manchester United coach Ole Gunnar Solskjaer said in televised comments.

The win sets up a quarterfinal reunion for Solskjaer with his former Norway teammate Stale Solbakken, the coach of Copenhagen. They played together at the 1998 World Cup.

Inter beat Getafe 2-0 with goals from Romelu Lukaku and Christian Eriksen. It was a one-off game played in Germany because they did not complete a first leg before the European season was suspended.



Earlier, Shakhtar Donetsk and Copenhagen also advanced.

Lukaku gave Inter the lead with his 30th goal of the season, picking up Alessandro Bastoni's high pass in the 33rd minute and holding off a defender before stroking the ball low into the far corner. Eriksen made it 2-0 in the 84th, hammering in a loose ball in the penalty area two minutes after he came on from the bench.

"I'm very happy for the team because

I can see that they are eager to continue this adventure and not go on their holidays," Inter coach Antonio Conte said.

Getafe started stronger with an intense pressing game and could have taken the lead in the second minute, but Inter goalkeeper Samir Handanovic kept out Nemanja Maksimovic's header.

Inter gradually took control of the game against a Getafe team which had not played since July 19 and last won on June 29. Getafe keeper David Soria made

a string of impressive saves before Lukaku's goal and reacted well to keep out an overhead kick from Danilo D'Ambrosio in the 49th.

Getafe had a chance to equalize in the 76th when Inter defender Diego Godin conceded a penalty for handball, but Jorge Molina fired his shot wide, preserving Handanovic's record of five games without conceding a goal.

Inter's quarterfinal opponent is likely to be Bayer Leverkusen, which leads Rangers 3-1 ahead of the second leg Thursday.

Shakhtar, the 2009 UEFA Cup winner, won 3-0 in the second leg against Wolfsburg to complete a 5-1 victory on aggregate. The Ukrainian club didn't score until a goal from Junior Moraes in the 89th minute. Moraes and Manor Solomon added a goal apiece in stoppage time.

Copenhagen reached the quarterfinals of a European competition for the first time after overturning a 1-0 deficit from the first leg against Istanbul Basaksehir to win 3-1 on aggregate thanks to two goals from Jonas Wind.

All games from the quarterfinals onward are being played in Germany over a single leg. None will have fans.

Beirut explosion: PM Modi says shocked and saddened, offers prayers to affected families



Prime Minister Narendra Modi offered prayers to the families of those killed and injured in the Beirut explosion where 78 people died and nearly 4,000 injured. In a tweet, PM Narendra Modi said he was "shocked and saddened" to hear about the massive blast that rocked Lebanon's Beirut city. "Shocked and saddened by the large explosion in Beirut city leading to loss of life and property. Our thoughts and prayers are with the bereaved families and the injured.

Impact of Beirut blast massive, shockwaves felt 240 km away in Cyprus



The impact of the blast that ripped through Lebanon's capital Beirut was so powerful that citizens of the island of Cyprus, 240 kms away from the site of the explosion felt it. In Cyprus, an island lying west of Lebanon, residents reported two large bangs in quick succession. Videos confirmed that the Beirut blast could be seen from the coast of Cyprus and was heard as far as inland capital Nicosia.

Ministry of Education to review Chinese language courses taught in Indian varsities



Just after the Ministry of Education (MoE) decided to drop Chinese from its list of suggested languages for schools, in another move, the ministry has decided to hold a review of Chinese Language programmes provided by higher education institutions. Several institutions have come under the eyes of the government. The MoE and the university grants commission (UGC) are in the process of reviewing the work being done by higher education institutions. As part of the agreement and educational arrangements with foreign institutions.

Glaciers could have sculpted Mars valleys: Study



The question of whether ancient life could have existed on Mars centres on the water that once flowed there, but new research published Monday suggests that many of the Red Planet's valleys were gouged by icy glaciers not rivers. The study in Nature Geoscience, which comes amid a flurry of new Mars missions trying to discover if the now-barren planet ever hosted life, casts doubt on a dominant theory that the planet once had a warm, wet climate with abundant liquid water that sculpted the landscape.

Floods devastate Tamil Nadu's Nilgiris, tribal families rescued, sheltered in schools



Heavy rainfall has been lashing the Nilgiris district in Tamil Nadu for the past two days. In Nilgiris' Kudaloor, intense rain has led to the inundation of a tribal area. Fire-fighters have launched an operation to rescue tribals trapped in the rain and move them to a safer location. Ground reports indicate that the fire-fighters were struggling to reach trapped tribals owing to the heavy current of floodwater. Kudaloor has recorded 71 mm of rain in the last two days. In addition, dams in several other parts of Nilgiris and Coimbatore have started to overflow following heavy rainfall.

Donald Trump vows TikTok ban if no US sale deal reached by September 15



US President Donald Trump said he does not oppose Microsoft Corp (MSFT.O) acquiring the US operations of TikTok and said he will ban the service in the United States on September 15 without a sale. The comments came after Donald Trump on Friday he said he was planning to ban the Chinese-owned video app's US operations after dismissing a possible sale to Microsoft. Donald Trump's comments confirmed a Reuters report Sunday that he had agreed to give China's ByteDance 45 days to negotiate a sale of popular short-video app TikTok to Microsoft.

Thousands remain evacuated from Southern California wildfire



Evacuation orders remained in place for thousands of people after a wildfire in mountains east of Los Angeles exploded in size and forced crews to battle flames in triple-digit heat. The Apple Fire in Riverside County consumed more than 31 square miles (about 80 square kilometres) of dry brush and timber, according to the California Department of Forestry and Fire Protection. The cause was under investigation. Officials allowed flames to run up the side of Mount San Geronio, an 11,000-foot (3,350-meter) peak, because it wasn't safe to let crews work in such steep, rugged terrain, said Lisa Cox, a spokeswoman for the U.S. Forest Service.

Group led by NSA meets to review Ladakh deadlock as China digs in at Pangong Lake



Even after the fifth round of Corps Commander-level talks, disengagement between Indian and Chinese troops has not been satisfactory at Pangong Lake and Depsang, sources said. A meeting was recently held in Delhi to review the de-escalation strategy along the Line of Actual Control (LAC) in eastern Ladakh. Among those in attendance were National Security Advisor (NSA) Ajit Doval, Defence Minister Rajnath Singh and External Affairs Minister S Jaishankar and other members of the China Study Group led by the NSA. The purpose of this meeting was to review discussions initiated during the military commander level-talks in Moldo earlier this year.

BIRTHDAY WISHES

TAAPSEE PANNU

01st AUGUST 1987

Taapsee Pannu born 1 August 1987 is an Indian actress who works primarily in Hindi, Telugu and Tamil-language films. Her accolades include a Filmfare Award and she has appeared in Forbes India's Celebrity 100 list since 2018. Pannu made her acting debut with the 2010 Telugu film Jhummandi Naadam and then starred in the 2011 films Aadukalam, Vastadu Naa Raju and Mr. Perfect.



NEIL ARMSTRONG

05th AUGUST 1930

Neil Alden Armstrong August 5, 1930 – August 25, 2012 was an American astronaut and aeronautical engineer and the first person to walk on the Moon. He was also a naval aviator, test pilot, and university professor. A graduate of Purdue University, Armstrong studied aeronautical engineering; his college tuition was paid for by the U.S. Navy under the Holloway Plan. He became a midshipman in 1949 and a naval aviator the following year. He saw action in the Korean War, flying the Grumman F9F Panther from the aircraft carrier USS Essex.



JAMES GUNN

05th AUGUST 1966

James Francis Gunn Jr. born August 5, 1966 is an American film director, producer and screenwriter. He began his career as a screenwriter in the mid-1990s. He then began working as a director, starting with the horror-comedy film Slither (2006), and eventually moving to the superhero genre with Guardians of the Galaxy (2014), its sequel Guardians of the Galaxy Vol. 2 (2017) and The Suicide Squad (2021). He also wrote and directed the web series James Gunn's PG Porn (2008–09), and the superhero film Super (2010).



NIRMALA SITHARAMAN

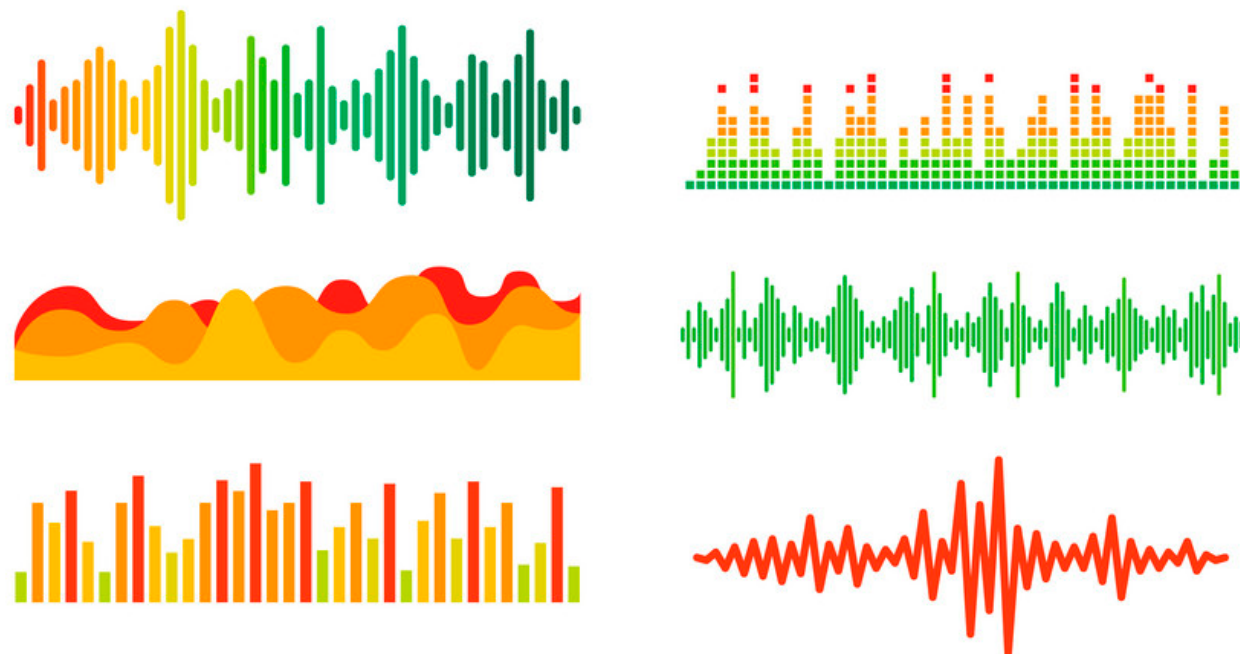
18th AUGUST 1959

Nirmala Sitharaman born 18 August 1959 is an Indian politician serving as the current Minister of Finance and Corporate Affairs of India. She is a member of the Rajya Sabha, upper house of the Indian Parliament, since 2014. Sitharaman formerly served as the Defence Minister of India, thereby becoming India's second female defence minister and also the second female finance minister after Indira Gandhi, and first full-time female Finance Minister.



BIBHUTI BISWAL
RFSAC
Navi Mumbai

SOUND FOR LIFE



Materials	Quality of Sound	Permissible Limit	Impact on Health
1.Spoon			
2.Steel Plate			
3			
4.			
5-10			

found impact on the lives of those affected by it, as well as their families and communities.

'SOUND' EDUCATION

In view of the hovering cloud of threats due to hearing loss, it is imperative for all of us to speed up educating young children about the harmful impacts of sound. Therefore, every school should encourage students to participate in the International Year of Sound activities, generate new learning resources for Science and Physics, propagate the spirit of the scientific attitude among students and teachers, enable students to describe how sounds are produced with vibrations, how tones can be varied by changing the length of the resonant cavity. Also, integrate the concept of Sound with Science curriculum at all levels of schooling (Inquiry Activities), enable students to know more about musical instruments, string instruments, and others found in our immediate surroundings. Sensitizing students how string instruments require a source of vibration and a resonance chamber enables students to appreciate the impact of sound on humans, the emotions, and the mental health of every individual.

ACTIVITIES ON SOUND FOR LIFE

Science teachers can organize popular science seminars and workshops on the different aspects of acoustics; sound walks around the city to highlight different quiet and noisy soundscapes;

concerts and performances. The following activities will unravel the beauty of sound in our lives.

a) 'I wonder if...?' questions for Primary School, Middle School, Secondary School, Senior Secondary School

e.g. I wonder how doctors use sound through a stethoscope?

I wonder how sound can find useful in ultrasound machine and SONAR?

I wonder how sound is produced in percussion instruments?

I wonder how we learn any language?

b) Audio making/Mimicking

We are all surrounded by nature and to observe the sound in nature is to bring life closer to nature. To instill such sensibility in students, Science teachers can plan audio making /mimicking activities on Birds (e.g. Parrot), Marine animals (e.g. Bottlenose Dolphin), Amphibians (e.g. Frog), Mammals (Royal Bengal Tiger), Reptiles (Alligators), Earth/Atmosphere (e.g. volcanic eruption). Senior students may make a video of traditional sound-producing activities like straw, matchbox-string, water bottle, ghatam, Jal Tarang, flute, etc. This is one of the potent mediums to integrate sound with students' daily life.

c) Story Telling/ Essay Writing/ Projects

Developing the language of sound needs listening, speaking, and writing about Sound by students. Therefore, science

teachers can conduct activities such as Story Telling/ Essay Writing/Projects on various themes such as -Why hearing Matters for us. Impact of hearing loss on individuals, families, society. Sleep disturbance and its impact on human health/ Impact of Noise Pollution etc. for students. Students of class XI-XII may think to conduct/assign group projects on -Hearing technology: hearing aids, cochlear implants, middle ear implants, or Assistive technologies & Services (Rehabilitative therapy), etc.

d) DIY (Do it Yourself):

Doing Science is believing science and enjoying Science. Students learn Science better when they practice science, do science by themselves which remains with them lifelong. Science teachers may organize activities such as Rubber Band Guitar, Cup and string instruments, Shoebox speaker, etc. even high school students can prepare Guidelines for Indoor Ambient noise level for Indian Conditions.

e) Sound @Home:

Students can conduct in house investigation with the help of Household articles for sound.

Other sound-producing instruments like Percussion instruments-Creation of Computer Graphics, String instruments-Creation of Computer Graphics, Wind instruments, and traditional musical instruments- Creation of Simulations can be considered for our investigation.

CONCLUSION

The sound environment is so important that it shapes our personal and social behaviour. Through the celebration of IYS, we would enable students, teachers to generate self-awareness and the intelligence to develop a system for better exploitation of the sound properties for the greater welfare of mankind.