

THE QURIO

Mag

The Earth & Beyond



Volume 1 | 2022
PIS Katol



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FROM THE PRINCIPAL'S DESK

Dear Reader

I feel happy to present to you the first issue of our magazine, The Qurio Mag. As you know, the holistic development of children goes beyond classroom teaching or any structured/formal education system. Thus, any such attempt made to offer multi pronged opportunities to its students and further helping them to grow and realize their true potential is always welcome. Our in house magazine provides a platform to students for their creativity, self-expression, learning experiences and even an identity they will be proud of through accepting the challenge of writing.

Such an opportunity assumes importance in today's age of competition, and allows our students to think, explore and constantly introspect self, surroundings and the country.

This magazine allows its readers to delve into and appreciate new voices, at times radical expressions and opinions of the budding poet, writers and essayists.

I sincerely feel that our students will connect better with the world outside of school and home through their creative expressions in the magazine. It'll give you, our readers, a sneak peek into life inside PIS Muzaffarpur.

Happy reading!

Shabnam Bhowmick, Principal

CHRONICLES OF SPACE



Does Mars deserve to be our second home?
Agustya Abhishek and Aradhya, Std. 2

The Mars was discovered in late 1610 by Galileo Galileo. It was a telescopic observation. The idea of life on Mars was originated when astronomers mistakenly thought that they have discovered the stratospheric signature of water in the Martin atmosphere. From then, the idea of life on Mars became more sought-after than ever thought and obviously it was something so inconvincible that human mind denied to accept it suddenly. It is so far fetched that some people believe it and some do not. The soil of planet Mars have ability to extract water. As water is our biggest need and also soil is of the biggest natural resource. Healthy soil feeds the world. Soil provides primary nutrients for cycling of animal and plant life. Mars has a moderate temperature. The temperature is neither too hot not too cold which is one of the best reason for its consideration as our second home.

What is a wormhole theory?
Ms. Nupur Singh

The Wormhole theory postulates that a theoretical passage through space time could create shortcuts for long Journeys across the universe. Wormholes are predicted by the theory of general relativity in 1935 Einstein and physicist Nathan Rosen used the theory of general relativity to elaborate on the idea, proposing the existence of "bridges" through spacetime. These bridges connect two different points in space time theoretically creating a shortcut that could reduce travel time and distance.

The shortcuts came to be called Einstein Rosen Bridges, or wormholes. A wormhole is not really a means of going back in time, it's a shortcut.

To picture a wormhole, imagine that a sheet of paper is space. Mark a point at each end of the paper. To travel from one point to another you either take the regular or the longer route or you bend the paper to bring the two points closer without letting them touch each other, thus creating a tunnel that reduces the time and enables the time travel.

However, scientists continue to explore the concept as a method of space travel with the hope that technology will eventually be able to utilize them.



Comic strip by Ms.
Soumi Talukdar

CHRONICLES OF SPACE

Who's the best?

Kiyara Gupta, Std. III

In the distant past, there lived a happy family. The father Sun was looking after the eight children with love and warmth. They were Jupiter, Saturn, Uranus, Neptune, Earth, Venus, Mars, and Mercury. Over time, each of them attained certain specialties. And one day, they started arguing over supremacy, over the question, "Who is the best?" All of them claimed to be the best.

Mercury, the youngest one declared, "I am the fastest planet in the solar system and closest to our father, he loves me the most. So, I am the best".

Venus replied, "No! I am the hottest and brightest planet among our solar family. Besides, I am the morning star. so I am the best".

Earth smiled and remarked, "I am the only planet in the whole family that sustains life and the ecosystem. And I am the most beautiful planet. So, I am the best".

Hearing all these, Mars' face turned red in anger. He said, "I am as red as a gemstone, everybody likes me, Favourite of everyone, so I am the best".

Jupiter laughed and proudly raved, "I am the largest planet in the solar system. I am a gas giant. So, none but I must be the best".

Saturn was listening all these calmly. Then he replied with a smile, "I can float in water because I am made of gas like Helium and I have multiple rings made of ice and gas, which none of you have. I am supposed to be the best planet".

Uranus hurriedly said, "There is no place for old fellas in the wheel of time; I am the latest planet in Solar System. It's my time. So, I am the best".

After listening to all the claims of others, Neptune felt low as he did not seem to have any specialty. He spoke out in a low voice, "I am the fourth largest planet and the coldest one with magic of ice all over. That's it."

Father Sun came hearing all the noise and asked, "Why are all of you arguing?" When he listened to the whole story, he made them all sit near him and explained how all of them were so different and unique with most amazing features of their own. He told them having solidarity is far more important than having competition in vein. And finally, the Sun announced, "You see, all of you are my absolute favorite and the best. There is no point in arguing when we all are part of the Solar System family."

The children planets felt embarrassed for quarelling among themselves. Father Sun and his children lived happily ever after.

FUN FACTS ABOUT SATURN

Medhansh Raj, Std. II

We all know that Saturn has rings around it. Though it is not the only planet that has rings around it, but it has the biggest and brightest rings.

- We can see the rings with our naked eyes.
- The rings are made up of Ice, rock and dust particles.
- The rings of Sturn are named alphabetically as per the sequence of their discovery. The alphabetical order from the outside of the rings is DCBAFGE.
- The biggest ring is 200 times the size of Saturn itself.
- Saturn has 62 moons.
- Saturn's mass is about 95 times that of Earth and the diameter is about 10 times that of earth.
- Saturn is the least dense planet of our Solar System.





SPACE PROJECTS

ISRO: MISSION MANGAL

In 2013, on 5 November ISRO (Indian Space Research Organization) launched a rocket named Mangalyaan. It was successfully placed in Mars orbit. It had been launched to explore Mars's surface. It traveled around 78 crore Km to reach Mars. The cost of the project was only 450 crore INR compared to other countries. After the success of the Mangalyaan Mission, India felt very proud and it becomes the first Asian nation to Reach Mars Orbit.

NASA AND ITS INVENTIONS:

NASA is the short form for National Aeronautics and space administration. It is the American space agency, established on 29 July 1958. The headquarter of NASA is in the capital of the US, Washington DC.

Laser communications :

Human missions to Mars may use lasers to stay in touch with Earth. A laser communications system at Mars could send large amounts of real-time information and data, including high-definition images and video feeds. Sending a map of Mars to Earth might take nine years with current radio systems, but as little as nine weeks with laser communications. The technology would also allow us to communicate with astronauts.

Pluto Hop, Skip, and Jump:

This proposed spacecraft could hop around the surface of Pluto, exploring multiple sites up close throughout a multiyear mission.

Russian Federal Space Agency (RFSA or Roscosmos):

Roskosmos, in full Russian Federal Space Agency, Russian Federalnoye Kosmicheskoye



Agentsvo, a Russian government organization founded in 1992 that is responsible for managing the Russian space program. Its headquarters are in Moscow. The head of Roskosmos is assisted by a board, a science and engineering council, and the heads of 11 departments. As the main successor to the Soviet space program, Roskosmos' legacy includes the world's first satellite, first human spaceflight, and first space station (Salyut). Roskosmos is one of the main partners in the International Space Station (ISS).

The European Space Agency (ESA)

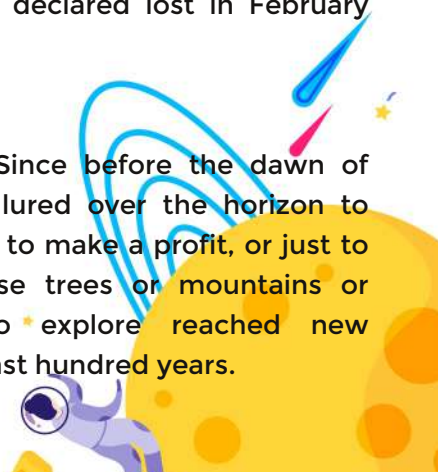
The European Space Agency (ESA) is Europe's gateway to space. Its mission is to shape the development of Europe's space capability and ensure that investment in space continues to deliver benefits to the citizens of Europe and the world. ESA is an international organization with 18 Member States.

ESA collaborated with NASA on the International Ultraviolet Explorer (IUE), the world's first high-orbit telescope, which was launched in 1978 and operated successfully for 18 years.

The Mars Express mission of the European Space Agency (ESA) reached Mars in 2003. It carried the Beagle 2 lander, which was not heard from after being released and was declared lost in February 2004.

SPACE TRAVEL

Humans are explorers. Since before the dawn of civilization, we've been lured over the horizon to find food or more space, to make a profit, or just to see what's beyond those trees or mountains or oceans. Our ability to explore reached new heights—literally—in the last hundred years.



THE UNIVERSE TODAY

Space & Astronomy News



James Webb Space Telescope Is Showing Us Real Faces Of Neighboring Planets

James Webb Space Telescope is proving to be everything that NASA might have hoped for. Maybe more! In its short lifespan, the space observatory has already given the astronomy world a lot to cheer about. Apart from taking breathtaking images of distant objects, the telescope is revealing the real faces of planets in our solar system.

Neptune Giving Saturn A Run For Its Money

The space telescope has chronicled a detailed image of Neptune's rings. Yes, you read that right, Neptune has rings too. For the unversed, Neptune's rings are pretty close to its atmosphere and thus go unnoticed due to the planet's brightness. The Voyager 2 was the first to expose them in 1989 during a flyby.



DART Spacecraft Successfully Slams into Asteroid in Historic Test of Planetary Defense

A NASA spacecraft on Monday intentionally crashed into an asteroid to displace it from its orbit. NASA sent the spacecraft to collide with the asteroid so that the asteroid does not crash on Earth. It was a historic test of humanity's ability to protect Earth from a potentially catastrophic collision with a space rock.

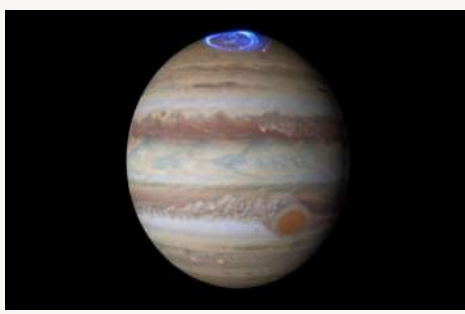
The agency's DART probe, short for Double Asteroid Redirection Test, carried out the first-of-its-kind maneuver on a small and harmless space rock known as Dimorphos, which is currently located roughly 6.8 million miles away from Earth.

The DART spacecraft, which is about the size of a vending machine, crashed into Dimorphos on Monday at 7:14 p.m. ET, flying head-on into the space rock at 14,000 miles per hour.

Jaw-dropping images of Jupiter from the James Webb Space Telescope

Chances are, if you have been outside on a clear night after sunset and facing east, you've seen this suspiciously bright light in the sky. Is it a plane? Is it a satellite? If it slowly rises and barely twinkles, then you have been seeing the planet Jupiter.

Astronomers operating the James Webb Space Telescope (JWST) have been sharing dramatic close-up images of Jupiter. Jupiter has a smaller system of rings than the planet Saturn that are nearly invisible to all ground-based telescopes. But JWST imaged these faint arcs of ice and dust as well as several moons that circle Jupiter.



MOVIES AND BOOKS RECOMMENDATIONS

Movies

1. Apollo 13 (1995)

NASA must devise a strategy to return Apollo 13 to Earth safely after the spacecraft undergoes massive internal damage putting the lives of the three astronauts on board in jeopardy.

2. The Martian (2015)

An astronaut becomes stranded on Mars after his team assumes him dead, and must rely on his ingenuity to find a way to signal to Earth that he is alive and can survive until a potential rescue.

3. Interstellar (2014)

A team of explorers travel through a wormhole in space in an attempt to ensure humanity's survival.

4. First Man (2019)

A look at the life of the astronaut, Neil Armstrong, and the legendary space mission that led him to become the first man to walk on the Moon on July 20, 1969.

5. Gravity (2013)

Two astronauts work together to survive after an accident leaves them stranded in space.

6. Fly Me To The Moon (2009)

Three young house flies stowaway aboard the Apollo 11 flight to the moon.

7. Mission Mangal (2019)

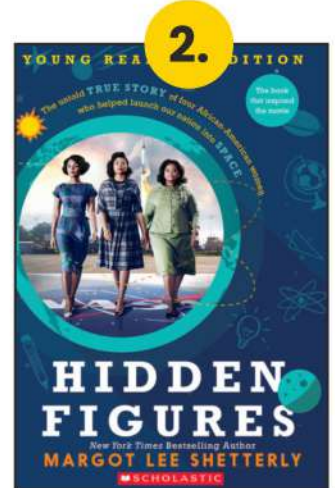
Based on true events of the Indian Space Research Organisation (ISRO) successfully launching the Mars Orbiter Mission (Mangalyaan), making it the least expensive mission to Mars.



Books



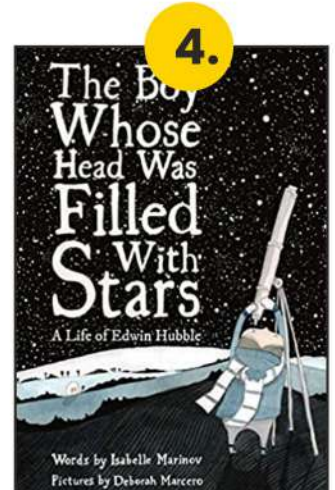
Sanity & Tallulah
Molly Brooks



Hidden Figures
Young Readers'
Margot Lee Shetterly



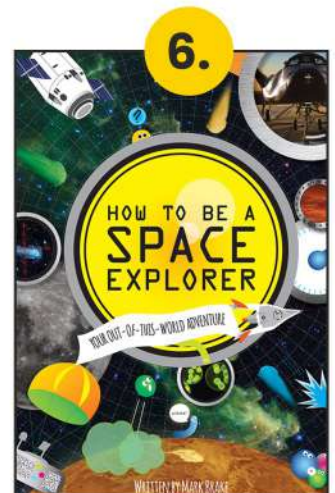
Galaxy Girls: 50 Amazing
Stories of Women
In Space
Libby Jackson



The Boy Whose Head
Was Filled with Stars:
A Life of Edwin Hubble



The Kid Who Came
From Space
- Ross Welford



How To Be A Spcae Explorer:
Your Out Of This World
Adventure By -
Lonely Planet Kids



Review

Movies & Books

Title of the Book/Movie: **"Constellations: The Story of Space Told Through the 88 Known Star Patterns in the Night Sky" by Govert Schilling**

Movie/Book Summary: In Constellations, award-winning astronomy Writer Govert Schilling takes us on an unprecedented voyage of all 88 constellations in our visible universe. It was published on 4 June 2019.

Much more than just a stargazer's guide, CONSTELLATIONS is a complete history of astronomy as told by Schilling through the lens of each constellation. The book is organized alphabetically by constellation. Profiles of each constellation include basic information such as size, visibility, and the number of stars, as well as information on the discovery and naming of the constellation and associated lore.

How many hearts do you give this movie? 

Stunning star maps throughout the book by acclaimed star mapmaker Wil Tirion show us the exact location of every constellation, the details of its structure, as well as its surrounding astronomical neighbors.

Book Reviewed By: Mr. Nilanjan Sarkar

Title of the Book/Movie:
Movie: The Martian

Movie/Book Summary: Ridley Scott's 'The Martian' tells the incredible story of one man's survival after being left on Mars. Spanning over 141 minutes, 'The Martian' brings Andy Weir's 2011 novel to the big screen in a well-paced, well-written affair that features a star-studded cast with Matt Damon at its helm. On the whole, 'The Martian' does a brilliant job making the viewers feel like they're with Mark. The production design, camera movements and performances all help the viewer feel as though they're in the scene with Mark.

How many hearts do you give this movie?



Movie/Book Reviewed By: Mr. Megmalhar





Review

Movies & Books

Title of the Book/Movie:

ROCKETRY (2022)

Movie/Book Summary:

R.Madhavan starrer, Rocketry: The Nambi Effect is a movie about a great Indian aerospace engineer Nambi Narayan.

The movie starts with an Interview set where we can see Mr.Shah Rukh Khan, the interviewer, waiting for an interview with ISRO scientist Mr.Nambi Narayan, through a television channel. The screen presence by R.Madhavan is outstanding and it has been enhanced by the cameo of Mr.Shah Rukh Khan. The script was packed with immense intensity from start to end.

How many hearts do you give this movie?



Movie, Reviewed By: NS

Title of the Book/Movie:

Book: OUR PLANET (by Alastair Fothergill & Keith Scholey)

Movie/Book Summary:

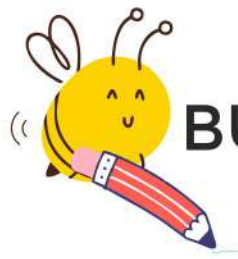
This book is about our planet, the Earth. The book is an wonderfully illustrated chronicle of Earth and its wonders. High definition photographs of animals from across the globe and from the depths of sea makes the book lovable.

The book also tells us about our duties towards the Earth and about calamities that are to be caused in the future, situations of the present and things about the Earth from the past as back as millions of years.

How many hearts do you give this movie?



Movie/Book Reviewed By: Ms. Shabnam



BUZZING POETS

Space-Bound Mr. Nilanjan Sarkar

When the twilight murks the last golden hours,
The dark creeps in and sing the silent lullaby.
The stars go loud against the sky,
Stretched out in a million miles, like a valley of beautiful flowers.

Beyond the clouds, where the starry canvas does lay,
My musings reach out to her.
At the speed of light, across the Milkyway,
Lost amidst the vast black abyss, light-years afar.

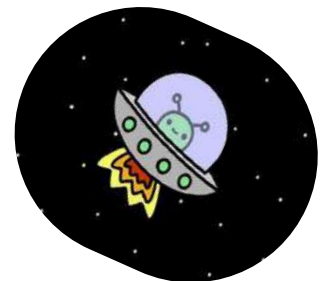
Only to find out she is hued stardust
Coheres to the memoirs of a Supernova.
It's some thousands of years late for a space-bound Rover.
Swayed by gravity, a shooting star crashes on the Earth's crust.

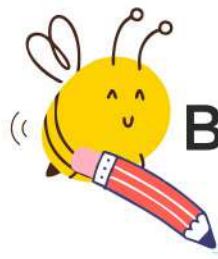
OUR PLANETS Ishu Das Harshita, Std. 5

We can see the lovely Moon at night.
During the day, the Sun glows white.
The Earth has much greenery.
From the space, it makes an wonderful scenery.

Mars is the angry red planet.
Saturn has a belt in icicles set.
Venus gives direction and is very bright
All stars have a large amount of light.

All Planets have sound,
They move Sun's around.
Some move left, some rotate right,
The Moon is not entirely white.





BUZZING POETS

Me, Astronaut!
Abheri Bhowmick, Std. 2

Down from my spaceship, I see
The bright blue Earth
It's very pretty, you would agree
And I see the earth smiling back at me

Up to the abode of the stars I go,
Just to see them glow
Me, a little astronaut
Keeping a slow pace.
Keeping still, floating in space!



आसमान के तारे
सुश्री सोनाली नंदी

आसमान में तारे देखना पसंद है मुझे।
जब कभी अकेली पड़ जाती हूँ,
चांद और तारों साथ देते हैं मेरे।
खामोशी से सुनते हैं मुझे,
बिना किसी शिकायत के।
न घाव को छेड़ते हैं,
न छोड़ते हैं साथ ये मेरे।
आसमान में तारे देखना पसंद है मुझे।
चाहे चांद की चांदनी हो,
या तारों की चमक।
अंधेरे में उम्मीद की लॉ जलाते हुए, मुझे रोशनी दिखाते हैं ये।
आसमान में तारे देखना पसंद है मुझे।

सौर परिवार
सुश्री मनाली प्रिया

सूरज है मेरा नाम,
ग्रह मेरे चारों ओर चक्कर लगाते,
सारे ग्रह मुझे बहुत हैं भाते।
बुध ग्रह मैं कहलाता हूँ,
सूर्य के हूँ सबसे पास
ग्रहों में हूँ सबसे खास।
मुझको अपने आप पर होता फक्र
बुध के बाद मैं आता हूँ,
भोर का तारा कहलाता हूँ।
जहां से मिलता तुमको ज्ञान
सुनलो भाई पृथ्वी मेरा नाम
मंगल मेरा नाम,
लाल लाल दिखलायी देता
इसलिए लाल ग्रह कहलाता।
मंगल के बाद मैं आता हूँ,
बृहस्पति कहलाता हूँ।
मेरे नाम से लोग डरते हैं,
सुनो भाई मुझे शनि कहते हैं।
मैं वरुण कहलाता हूँ,
ठंडा होने के कारण
सबको भाता हूँ।

सूर्य
सोहम, कक्षा ४

मैं हूँ एक तारा,
सूर्य है मेरा नाम
सौर्य प्रणाली का केंद्र मेरा स्थान
सुनहरा चमकता हूँ मैं रोज
आग के गोले जैसा मेरा जोश
सभी ग्रह मेरी चारों ओर गोल घुमते
मैं सभी को रोशनी हूँ देता
सूर्य है मेरा नाम।



SPACE Exploration



Space Explorations

Compiled by Ms. Ragini Mishra

Human exploration of space started formally in the 20th century during World War II by German scientists while testing the V2 rocket, which became the first artificial object sent to space, on October 3rd, 1942. Initially, the rocket was intended to be used as a long-range missile.

On October 4, 1957, Sputnik I became the first satellite launched into space. It was the first artificial satellite ever launched. It orbited the earth and broadcasted radio for several weeks before running out of batteries. In November, The Soviet spacecraft Sputnik II completed its first flight, along with a dog named Laika on board. Laika did not survive the voyage.

First human flights

Four years later, on 12 April 1961, a 27-year-old Russian Yuri Gagarin became the first human to orbit the earth in Vostok -1. On June 16, 1963, U.S.S.R also achieved The first spacewalk and launched the Vostok VI. Valentina Tereshkova became The first woman in space to orbit the earth 48 times abroad Vostok VI.

Landing on the moon

During the 1960s, NASA made progress toward President Kennedy's goal of landing a human on the moon with a program called Project Gemini. Project Gemini was followed by Project Apollo, which took astronauts into orbit around the moon and to the lunar surface between 1968 and 1972.

"Landing a man on the moon and returning him safely to earth" was the national goal set by President John F Kennedy in 1961.

On July 20, 1969, astronaut Neil Armstrong took "One giant leap for mankind" he stepped onto the moon and became the first human to have a footprint on its surface.

India in Space

India began carrying out space research immediately after gaining full independence from British rule in 1947. India is presently one of the leaders in Space exploration and probably the fifth country to have a re-entry vehicle.

The Aryabhata satellite, launched in 1975 from Kapustin Yar using a Soviet Cosmos-3M launch vehicle, was India's first satellite. By 1979 the SLV was ready to be launched from a newly-established second launch site, the Satish Dhawan Space Centre (SDSC). The first Indian-built rocket Rohini blasted off successfully from TERLS in 1967. Dr. Vikram Sarabhai led an eminent team that among others consisted of Dr. APJ Abdul Kalam, who went on to become the nation's President.

The important Satellites Launched were

Aryabhata - X-Ray Astronomy - 1975
(Launched from Russia)

Bhaskara (1979) and Bhaskara 2 (1981)- TV Cameras

Rohini - India's first launch - 1981

INSAT Series - Indian National Satellite 1982

IRS Series - Indian Remote Sensing Satellite - 1988

SROSS - Scientific Experiments - 1994

Kalpana-1 First meteorological satellite built by ISRO- 2002

GSAT-3 India's first exclusive educational satellite- 2004

Mars Orbiter Mission or Mangalyaan-1 India's first Mars orbiter 2013



Reaching for the Stars

If you're among those who dream of making their mark in the field of space, you're in luck. Space exploration and related careers is an ever-expanding area with great potential for numerous future career specializations. If your answer is yes there are many careers that you can opt to be a part of space such as:

- Astronauts
- Space Technology
- Engineering
- Space Researchers/ Scientists (Astrophysicists, Biologists, Biochemists, Biophysicist, Geoscientists, Astrobiologists)
- Space Law
- Space Tourism
- Space Architecture
- Space Medicine/Psychology



Which are the top Space Science colleges in India?

- Indian Institutes of Technology (IITs)
- Indian Institute of Science, Bangalore
- Indian Institute of Science Education and Research (IISER-TVM)
- Indian Institute of Space Science and Technology, Kerala
- Centre for Earth and Space Sciences, (University of Hyderabad)
- Aryabhata Research Institute of Observational Sciences, Nainital
- Indian Institute of Astrophysics, Bangalore
- Inter-University Centre for Astronomy and Astrophysics, Pune
- National Centre for Radio Astronomy, Pune



What are the courses you can opt for in Space Science after 12th?

- B.Tech in Aerospace Engineering B.Tech in Avionics Engineering
- B.Tech+M.S./M.Tech (B.Tech. in Engineering Physics + M.S. in Solid State Physics, Astronomy, Earth System Science / M.Tech. in Optical Engineering)
- M.Tech in Electronics, Electrical, Mechanical and Computer Science
- PhD in relevant disciplines.



SCIENCE FUN

— @Home —

Let's make a Hovercraft



Materials:

- An old CD
- HOT GLUE gun/fevikwik
- Thumbtack/ pin
- Bottle cap
- Balloon

Steps to make a Hovercraft :

- Make holes in the plastic bottle top.
- Use a hot glue gun/fevikwik and fix the bottle top over the hole of the CD. *(Please Note: Students can take help of adults while handling the fevikwik and pins.)*
- Blow up the balloon.
- Twist the neck of the balloon to keep it inflated and pull the lip of the balloon over the edges of the bottle cap.
- Let it Go – Set on a flat surface like a counter top or floor. Release the balloon and watch it glide along without any effort just over the surface.



ASTRO SNACKS



FRUIT ROCKETS

All you need to make these easy-to-assemble Fruit Rockets are:

- watermelon
- banana
- kiwi
- strawberries
- cantaloupe
- skewers

FUN FACT

Some foods like bread, fruits and nuts stay the same in space. Other foods have to be vacuum packed to keep their shape and save space.

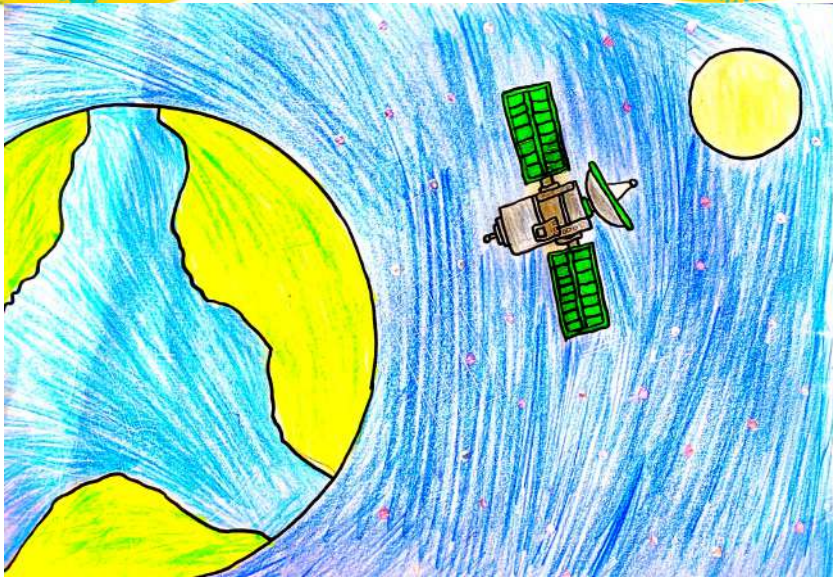
All you need to make these easy-to-assemble Martian snackers are:

- Monaco biscuits
- Cherry tomatoes
- Cucumber
- Cheese
- Mayonnaise or Tomato sauce

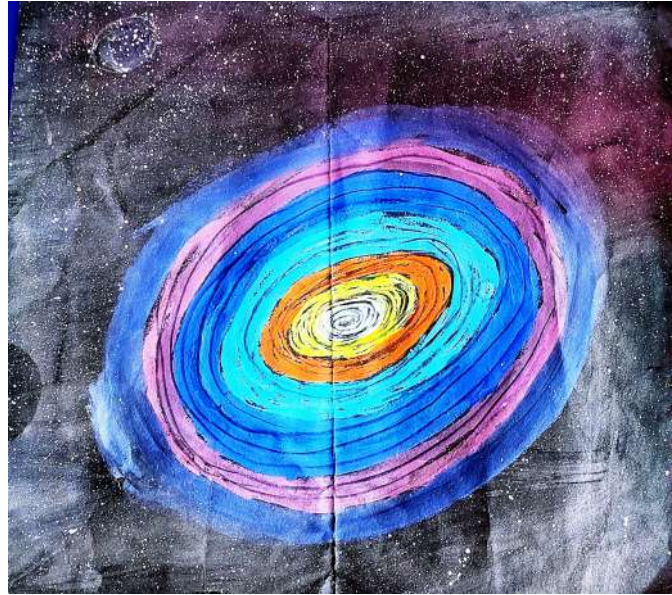
MARTIAN SNACKERS



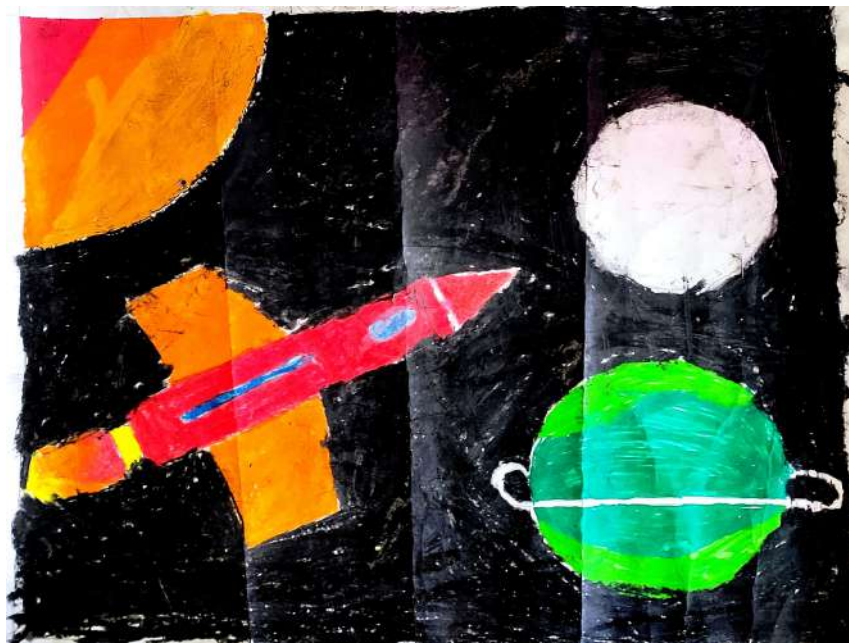
INTERSTELLER ART GALLERY



Satellite by Soham, Std. 4



The Galaxy by Ashrita, Std. 6



My Rocket by Prince, Std. 4

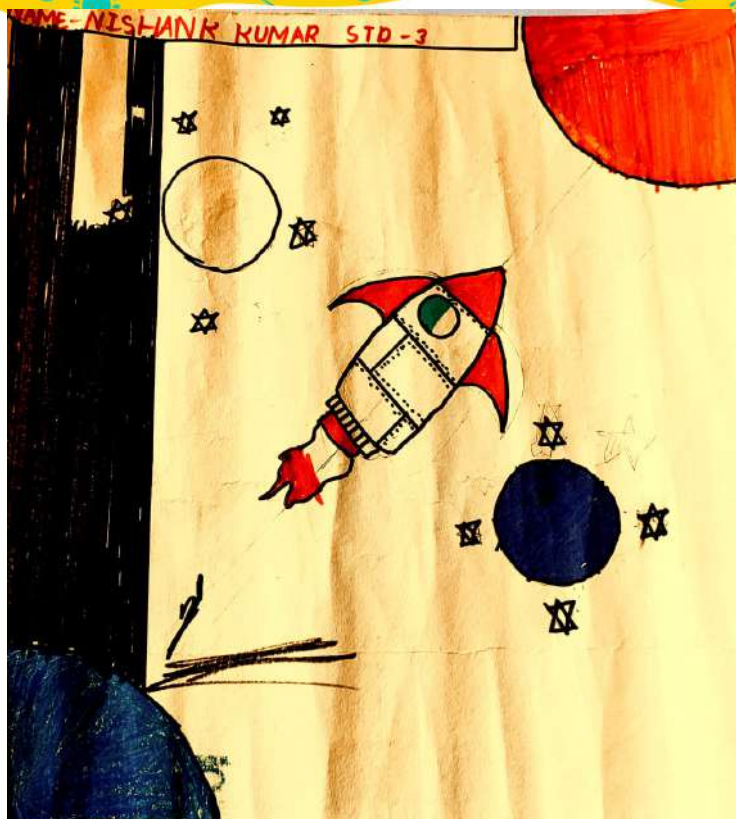


Adorable Alien by Hetikaa, Std. 2

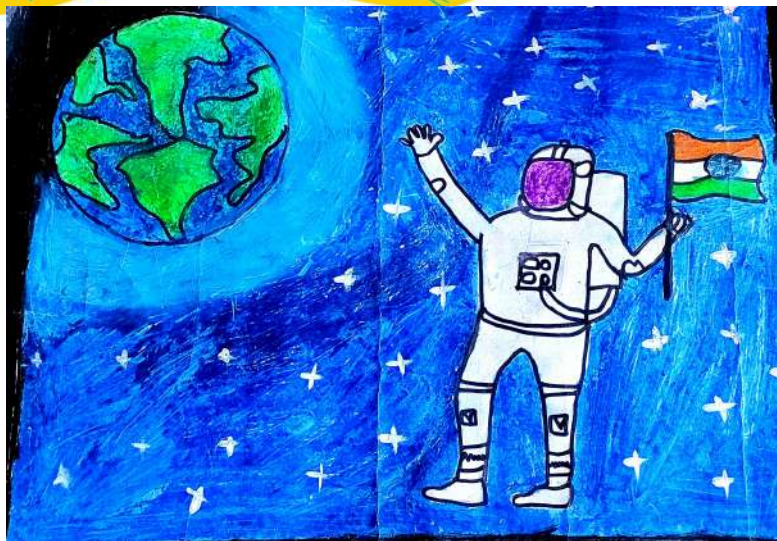


Moon goes to
office, by Aryan,
Std. 2

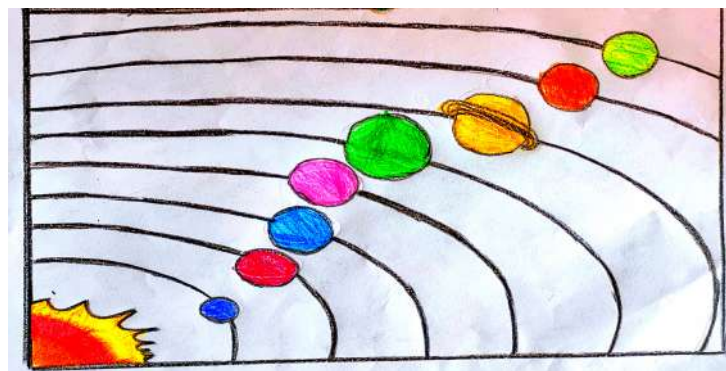
INTERSTELLER ART GALLERY



↑ Nishank Kumar, Std. 3



↑ Indian in Space, Harshit. Std. 4



↑ Shivani Bharti, Std.



←

Saurya: Why are the planets jealous of Jupiter?

Raji: Why?

Saurya: Because Jupiter has a nice belt.

Manas Raj, Std. 5



SPOTLIGHT @ PIS

Trip to Bihar Museum, Patna



Mrs. Asia Universe (2017) all praise for the students



पोदार इंटरनेशनल स्कूल मुंबई में पहुंची मिसेस एशिया यूनिवर्स, बच्चों के प्रशिक्षण को देख किया सराहना।

४ सितंबर २०२२: जिस विद्यालय के पहुंचे दुसरी महत्वा गौरी जी हो, उस जगह आकर मैं अपने आप को गौरवान्वित महसूस कर रही हूँ। पोदार इंटरनेशनल स्कूल मुंबई में उपस्थित हुई मिसेस एशिया यूनिवर्स २०१७, श्रीमती पिकी राजगढ़िया ने अपने प्रेरणादायक भाषण की शुरुआत यहीं से किया।

श्रीमती राजगढ़िया जो की एक समाज सेवी हैं और जिसकी विंगारी शक्ति काउंटेसन बच्चों और महिला सशक्तिकरण पर काम कर रही है, पोदार इंटरनेशनल स्कूल में शिक्षक तथा छात्रों से मार्तान के दौरान अपने जीवन के महत्वपूर्ण घटनाओं से बच्चों का स्फाह करवाया।



Teachers' Day celebration





Shri Ashutosh Dwivedi (Municipal Commissioner & DDC) inaugurated the Sci-Hi Museum event as the chief guest. In his address, he praised the incredible execution of the event by the students and said that they have completed a wonderful task.



Organic vegetables grown by students at PIS Muzaffarpur





SPOTLIGHT @ PIS

76th Independence Day celebration



Mother's Day celebration



Contests and achievers

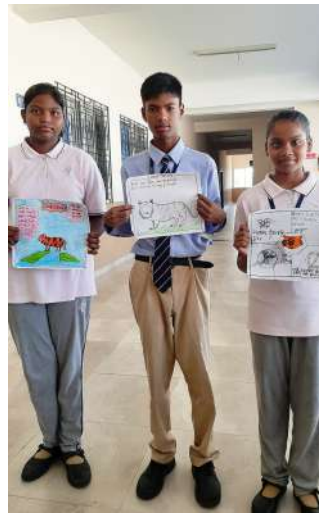
Poster making contest on International Tiger Day



Winners of Group A
(Std. 1 & 2)
(From left)
2nd- Shrijeet Vardan
1st- Aradhya Kumari
3rd- Yash Sharaff



Winners of Group B
(Std. 3 & 4)
(From left)
2nd- Kiyara Gupta
1st- Shrishti Kumari
3rd- Atharva



Winners of Group C
(Std. 5 & 6)
(From left)
2nd- Shivanya
1st- Deetendra
3rd- Sanjana

Hindi poem recitation contest



Winners of Std. 1
1st- Arushi & 2nd- Adrika



Winners of Std. 2
1st Medhansh 2nd Abheri & 3rd Agustya



Winners of Std. 3
2nd Atharva and 1st Kiyara

Essay writing contest Winners



Winners of Std. 4
From left: Prince (2nd)
Ishu (1st) & Soham (3rd)

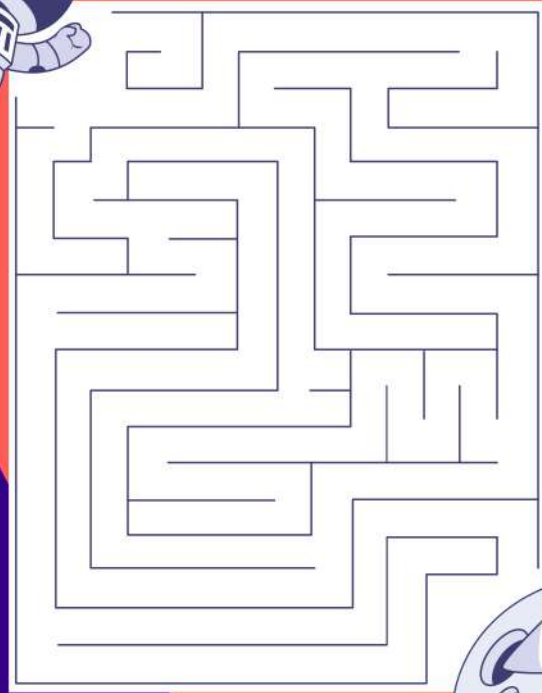
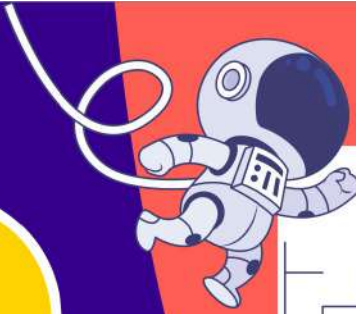


Winners of Std. 5
From left: Shivanya (2nd)
Jigar (1st) & Mehar (3rd)

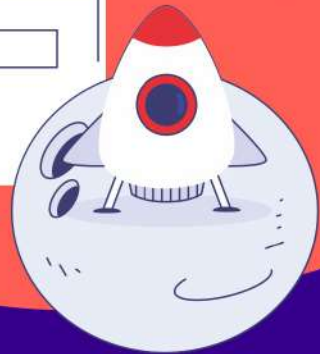


Winners of Std. 6
From left: Sanjana (2nd)
Ditendra (1st) & Pritam (3rd)

← **HELP THE ASTRONAUT**



GET BACK TO HIS SHIP →



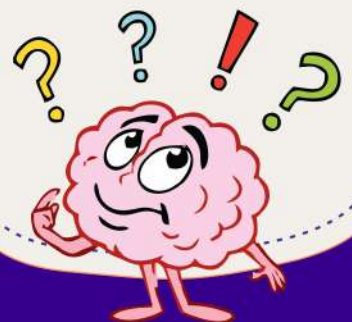
SPACE PUZZLE

Complete the word search

Y	W	A	Z	X	H	D	G	U	F	O
X	E	G	S	T	A	R	J	Z	W	Y
A	A	Y	T	A	G	M	A	B	R	Y
S	R	H	Y	P	Y	G	Y	S	U	N
T	T	B	U	L	P	K	M	L	G	Z
R	H	D	Y	A	L	I	E	N	X	R
O	M	O	O	N	H	B	V	U	T	O
N	X	U	V	E	W	N	Z	P	J	C
A	R	H	J	T	X	R	G	X	J	K
U	N	T	E	L	E	S	C	O	P	E
T	O	G	T	W	X	Y	E	H	D	T

What Am I?

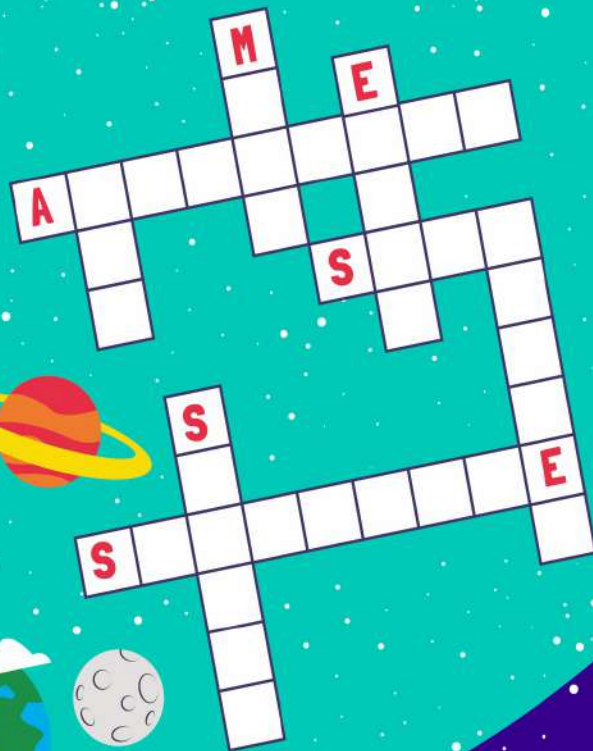
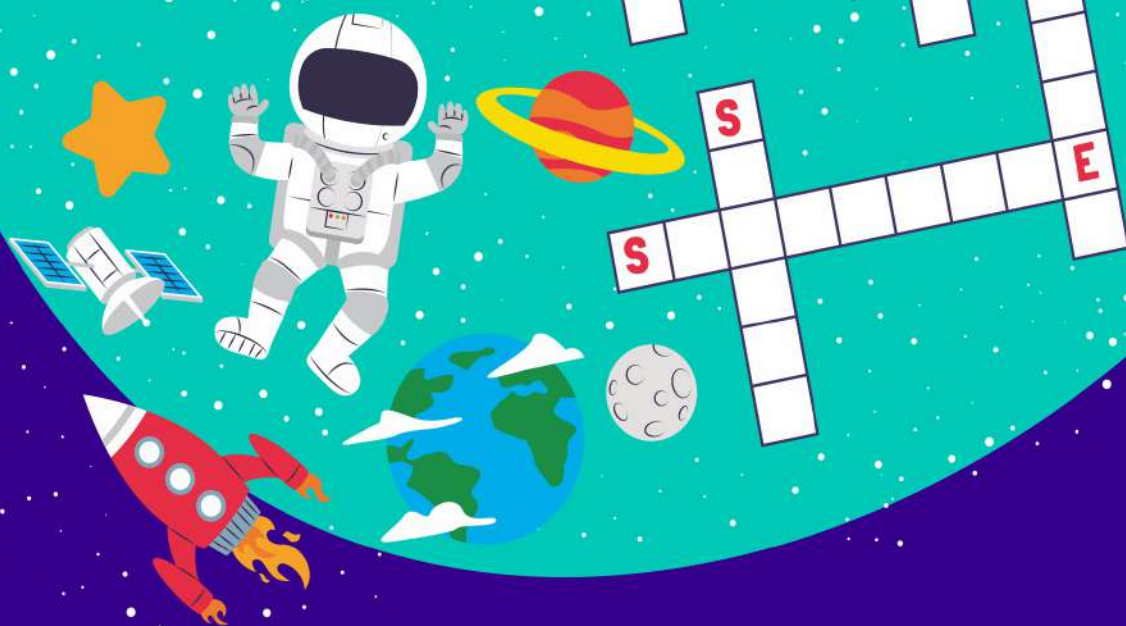
I can be looked through but
I'm not a window,
I have your eye pressed to me
but I'm not a door peephole,
I'm often placed on a tripod
but I'm not a camera,
I help you see things that are
far away but I'm not a pair of
binoculars,
I'm often pointed at the sky
but I'm not a satellite dish!



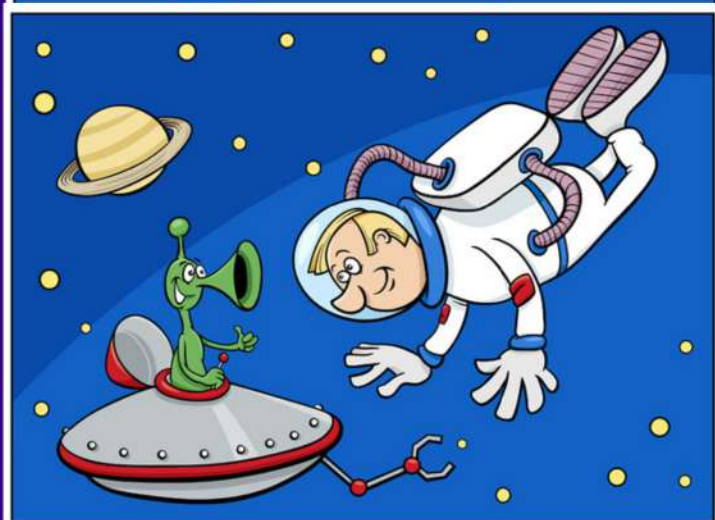
STAR UFO SUN ROCKET ALIEN PLANET ASTRONAUT TELESCOPE MOON EARTH



CROSSWORD



Find 6 differences



Using just the letters in the word below, can you make atleast 12 new words?

RULES: You may only use a letter as many times as it is shown in the key word. Each word must be atleast 4 letters long.

GOOD LUCK!

ASTEROID

Riddle

I am bigger than Venus
but smaller than Uranus.
I am a living rock.
What am I??

