



**TIMES
SCHOOL SURVEY
2019**
Ranked No. 1
as school leaders in Greater
Noida by the Times of India
Survey 2019



**PRAGYAN
SCHOOL**

WEEKLY CIRCULAR SENIOR

20th November 2020
(Cir/PS/32/2020-21)

This is to certify
PRAGYAN SCHOOL
as a



GLOBAL LEAGUE INSTITUTE 2020-21

Based on Student Satisfactory Survey by
GREAT PLACE TO STUDY
on September 2020

4.42


Shekhar Bhattacharjee
Founder,
Great Place To Study

With immense pride and pleasure, we wish to share with you the result of a survey conducted by Great Place to Study, a prestigious organisation that gives accreditations and certifications to schools and institutes of repute based on the work being done there.

Great Place to Study had surveyed the students, parents and teachers to evaluate the satisfaction of their experience with the school. The survey responses were measured on the Five-point Likert Scale, Demographic Questions and Open-ended Questions.

Each question was rated on the basis of a weighted average in the range of 1 to 5; 1 being the least and 5 being the highest. The final rating was then given in the range of 1 to 5. The school had to score 3 stars and above to qualify for the certification.

Pragyan School has scored 4 stars.

It is a proud feeling to share with you that with each one's efforts, the school has one more feather in its cap. Such achievements motivate us to continuously improve and emerge among the best, thus we keep benchmarking ourselves against the best.

MINDSPARK

Class - VI



In the weekly Mindspark class, students of class VI solved the questions on the topic "Points and Lines". They learnt the difference between the building blocks of geometry i.e. point, line, line segment, ray, the plane surface and the concepts of the geometrical figures. Apart from that they also related these with the practical daily life examples to solve the questions.

Concept: Understanding basic terms and concepts

1. A point is often defined as that which has no part. That is, it has no length, breadth or depth. According to this, which of these is a point?

The diagram shows two objects. On the left is a black sharp knife with a white arrow pointing to its blade, labeled "Edge". Below it is the number "1". On the right is a red sharpened pencil with a white arrow pointing to its sharp point, labeled "Tip". Below it is the number "2".

A Only 1 - the edge of a sharp knife B Only 2 - the tip of a sharpened pencil C

2. A line is shown below. The two arrows tell us that a line extends infinitely in both directions indicated by t

#STEM@HOME CHALLENGE

Class :VI-VIII



We congratulate the following
winner of the STEM LAB question
answer challenge

[13th Nov 2020 – 19th Nov 2020]



OJASVI SHARMA VIII-A

HOTS OLYMPIAD

CLASS VI-VIII



WizKlub International HOTS Olympiad 2020 was organized on 17th November 2020. 146 students from classes VI-VIII had participated in the Olympiad. The objective of the Olympiad is to assess students' Higher Order Thinking Skills (HOTS) across Critical Thinking, Logical Reasoning and Problem Solving.

Strengthen your child's learning efficacy with Higher Order Thinking Skills (HOTS). WizKlub offers an app-based cognitive skill enhancement program for kids in classes 1 to 7.



Daily Drills

Let your child spend 10-15 minutes everyday on improving his/her cognitive skills. The daily drills helps the child practice one HOTS (skill) every week in a self practice mode.



Weekly Quiz

The child will take-up one quiz every week based on the HOTS (skill) covered in the daily drills. The weekly quiz ensure progress across skills and instills confidence in the child.



HOTS Challenges

Every month, the child participates in a HOTS Challenge that covers 3-4 HOTS (skills) covered during the month. HOTS Challenges lead to a National Level contest twice a year.



Expert Counselor

Receive monthly progress reports and interventions required for your child's cognitive skills development. Students can interact with experts to get their doubts solved.

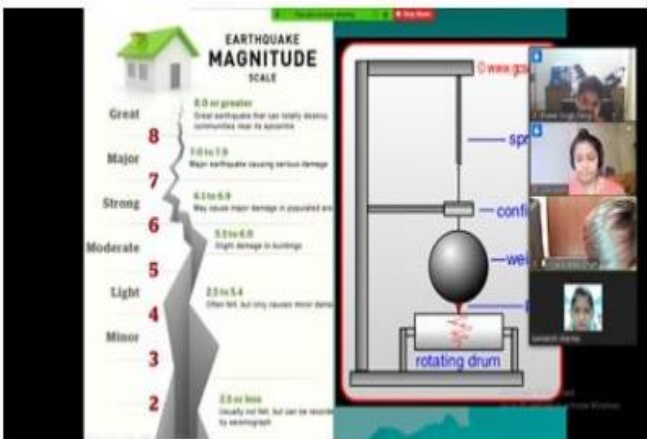
ISA ACTIVITY

Class- VI-VII



In continuation with the ISA activity on Natural Disaster, a session on safety from earthquake disaster was organized during the class teacher period in classes VI-VII, the session started with open discussion on 'how to protect ourselves when earthquake occurs'. It was followed by video on 'Ten ways to survive in Earth quake'. Students came to know about the steps to be taken in different circumstances /places in Earth quake. The students also participated in a safety quiz to evaluate cognitive skills.

ISA ACTIVITY - VI



10 Ways to Survive an Earthquake, According to Experts

WAYS TO SURVIVE AN EARTHQUAKE

Video player interface showing a 3D illustration of a house being destroyed by an earthquake. The video player includes a play button, progress bar (0:09 / 8:41), and a list of participants on the right side.


BE SOLARANTISTIC: ISA PROJECT -VII

Solar power is the key to clean energy future. Students of class VII took part in the activity 'Be solarantistic'. Teacher started the activity by showing the PPT to students on 'Advantages of alternative sources of energy', followed by virtual tour of school campus for better understanding of solar panel installed in the school campus. Students did the research work on use of alternative sources of energy especially solar energy, in various countries like India, Australia, Brazil and U.K and presented their work in the form of power point presentation. They also made e-poster on promoting use of alternative sources of energy. At the end of the activity, to gauge the knowledge and understanding of the students, a questionnaire on solar quotient was given them, which student attempted happily and enjoyed the journey of whole activity.

The image displays a virtual meeting interface. On the left, an e-poster titled "E- POSTER ON SOLAR SYSTEM" is shown. It features a central image of solar panels under a bright sun. Surrounding this image are several text boxes with arrows pointing towards the center: "RENEWABLE ENERGY SOURCE", "REDUCES ELECTRICITY BILLS", "DIVERSE APPLICATIONS", and "TECHNOLOGY DEVELOPMENT". Below the main image is a small box with the text "E- POSTER ON SOLAR SYSTEM". To the right of the e-poster is a vertical grid of video feeds from participants. The top feed shows a person with a microphone. Below it are several other feeds, some with names like "PRAGYAN SCHOOL" and "KRISHNA".


Below the e-poster, a slide titled "SOLAR ENERGY UTILIZATION AT PRAGYAN SCHOOL" is visible. It features a photograph of a solar panel mounted on a pole outdoors, surrounded by trees. The slide is part of a presentation, as indicated by the "PRAGYAN SCHOOL" logo in the bottom right corner of the meeting window.

BE SOLARANTISTIC: ISA PROJECT -VII



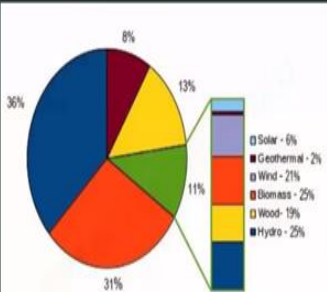
WHAT IS SOLAR ENERGY?

A BRIEF INTRODUCTION



Solar energy is the most abundant energy resource on Earth. It can be captured and used in several ways, and as a renewable energy source, is an important part of our clean energy future. Solar power is said to be green since, in contrast to other sources of energy, it does not emit any pollutant into the atmosphere, whether it is produced or consumed. Nowadays, more and more people are switching to solar power not only because it is a green source of energy, but also because it is becoming less expensive and more efficient than it originally was. Thanks to technological developments we are now able to directly convert solar energy into electricity.


Chart



Energy Source	Percentage
Petroleum	36%
Natural gas	8%
Renewable	13%
Coal	31%
Nuclear	11%

Legend: Solar - 0%, Geothermal - 2%, Wind - 21%, Biomass - 2%, Wood - 1%, Hydro - 2%

A transition to clean energy is about making an investment into our future.



Wind power or wind energy is the use of wind to provide mechanical power to turn wind turbines to generate electricity. Wind turbines are additionally used to do other work, like milling or pumping.

Biomass energy is energy generated or produced by living or once living organisms. The most common biomass materials used for energy are plants, such as corn and soy.

Hydro power is electrical energy produced through the power of moving water. Hydropower plants derive energy from the force of moving water and harness this energy for useful purposes.

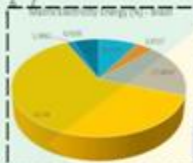
Geothermal energy is the heat that comes from the interior of the earth. It is contained in the rocks and fluids beneath the earth's crust and can be found as far down as the earth's hot molten rock, magma.

Solar power is energy from the sun that is converted into thermal or electrical energy. Solar energy is the cleanest and most abundant renewable energy source available.

Tidal energy is a renewable energy powered by the natural rise and fall of ocean tides and currents. Some of these technologies include turbines and paddles.

'BE SOLARANTASTIC'

Introduction on BRAZIL



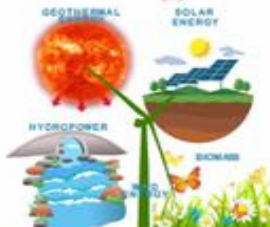
- What is Solar Energy?** Solar energy is radiant light and heat from the Sun that is harnessed using a range of ever-evolving technologies.
- Success of Brazil in generating solar energy:** The total installed solar power in Brazil was estimated at about 3.87 GW, generating approximately 1.66% of the country's electricity demand, up from 0.7%. Brazil expects to have 1.2 million systems in the year 2024.
- Other alternative sources of energy in Brazil:** Renewable energy accounted for 79% of the domestically produced electricity used in Brazil. Brazil relies on hydroelectricity for 85% of its electricity, and the Brazilian government plans to expand the share of biomass and wind energy. Wind energy has the greatest potential in Brazil during the dry season, so it is considered a hedge against low rainfall and the geographical spread of existing hydroelectric resources. Also, the work Brazil has done on its renewable sources infrastructure is commendable.

By Manik



Zoom meeting grid with participants: Anu Singh, Ishant Agrwal, Srijathi Mall, Manik Sheoran, and Lavanya Sharma.

Alternative Sources of Energy



There are many different types of alternative energy resources. Alternative sources of energy are constantly being replaced and will never run out. The most important are wind power, wave power, hydroelectric power, solar power and in the future, tidal power. One should use them as they are clean and cheap to run.

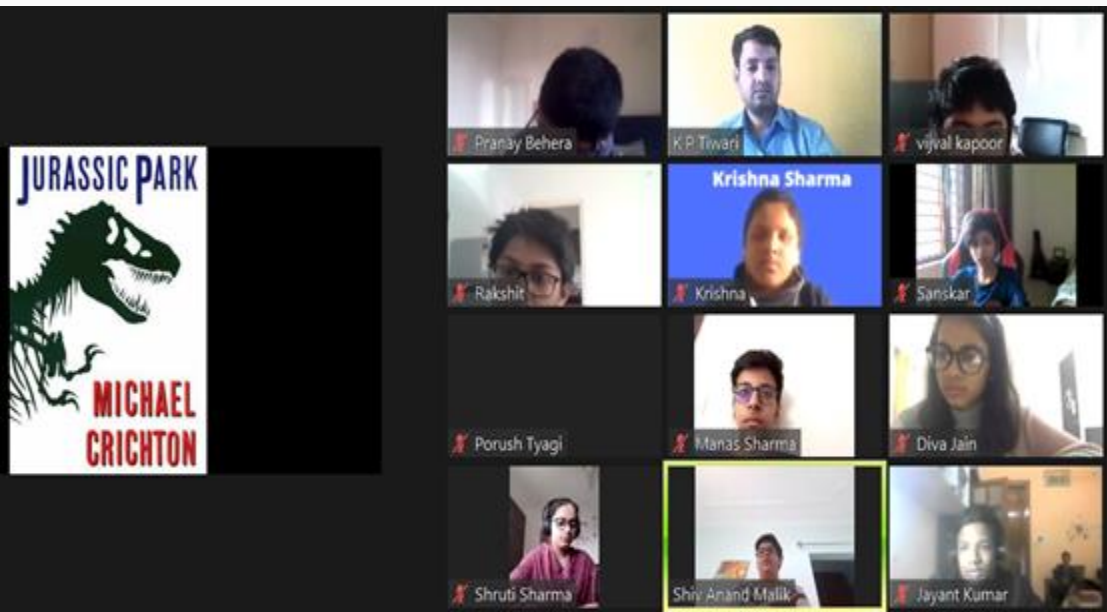
E - Poster By Lavanya



Zoom meeting grid with participants: Ansh Jain, Ishant Agrwal, Kashvi Yadav 7B, Lavanya Sharma, and Lavanya Sharma.

CLASS TEACHER PERIOD -VIII

During the class teacher period conducted on 20th Nov 2020, students of class VIIC gave book reviews of the books read by them in leisure time.



A screenshot of a Zoom meeting grid. On the left, there is a book cover for 'JURASSIC PARK' by 'MICHAEL CRICHTON' featuring a green dinosaur silhouette. The grid contains 15 participants in a 5x3 layout:

- Row 1: Pranay Behera, K.P. Tiwari, vijval Kapoor
- Row 2: Rakshit, Krishna Sharma, Sanskar
- Row 3: Porush Tyagi, Manas Sharma, Diva Jain
- Row 4: Shruti Sharma, Shiv Anand Malik, Jayant Kumar



A screenshot of a Zoom meeting. The main window shows a student with glasses presenting a book titled 'NO TALKING' by Clements. The top bar shows five participants: Rakshit, Jayant Kumar, Sanskar, Diva Jain, and Krishna Sharma. The bottom bar shows a grid of participants: Porush Tyagi, Rakshit, Krishna Sharma, Shiv Anand Malik, and Shiv Anand Malik. A large window in the foreground shows a student with a headset holding a book titled 'PERCY JACKSON' by Rick Riordan.

POVERTY- ITS CAUSES AND SOLUTIONS: ISA ACTIVITY - IX

Students of class IXAB had display of their ISA based enrichment activity on the theme 'poverty- its causes and solutions. Students were divided in group, each group researched on the concerns and issues prevailing in India, Ukraine, Pakistan and Sri Lanka and made a comparative study of the extent of poverty and its causes and gave the presentation in the online class.

2. Generating employment

By increasing health care facilities, many diseases and hence can get jobs

Improving education facilities can give more job opportunities to a person

Factories can be set up in backward areas

GENERATING EMPLOYMENT

Poverty comparison between India and Pakistan

By- Poojita, Dhanushka, Raina, Parth of class 9-B



POVERTY IN INDIA

As India is one of the **fastest-growing economies** in the world, poverty is on the decline in the country, with close to 44 Indians escaping extreme poverty every minute, as per the **World Poverty Clock**. India had 73 million people living in **extreme poverty** which makes up 6.5% of its total population, according to the Brookings report. In May 2012, the World Bank reviewed and proposed revisions to their poverty calculation methodology and purchasing power parity basis for measuring poverty worldwide. It was a minimal 3.6% in terms of percentage. As of 2020, the incidence of multidimensional poverty has significantly reduced, declining from 54.7 percent to 6 percent. According to United Nations Development Programme Administrator Achim Steiner, India lifted 271 million people out of poverty in a 10-year time period from 2005/06 to 2015/16.

INDIA	PAKISTAN
<p>UNICEF revealed that about 25% of children in India do not have access to education in India. In fact, often girls in India have to learn household jobs. Due to this unequal treatment of women, it is difficult for them to find jobs with a good wage.</p> 	<p>Inequality amongst women and young girls also increases poverty levels. Like India, women have to learn household tasks so that they have experience when they marry. Efforts to educate women have made a significant impact on this.</p> 

PRAGYAN SCHOOL

CLASS TEACHER PERIOD -X

Students of Class X during the class teacher period, exhibited their culinary skills as they participated with full zeal and enthusiasm and doled out nutritious yet delectable Gujarati delicacy ' DHOKLA' which was cooked post research on the methodology of preparing soft and spongy Dhokla.



CLASS XI-XII



Students of classes IX-XII are attending the physical school on selected days for conducting the practicals, clearing their doubts and for revision of taught concepts . All the required SOP are being followed to ensure the safety of the students and the staff members coming to the school.



INTERACT CLUB (VI- VIII)



Diwali is a festival that brings happiness among all stratum of society and no one should be deprived of it. On this auspicious occasion, the active members of the Junior Interact Club with the same motto distributed handmade lanterns, decorative items, diyas and assorted gift packs amongst the deprived people around them.



VIRTUAL PTM

The virtual Parent Teacher meeting for the parents who gave the consent for the meeting was conducted for following classes IXAB, VIIIABC during the week.



ONLINE SESSION WITH PARENTS OF CLASSES IX-XII



On 21st Nov 2020, an interactive session of school administration and the parents of classes IX-XII was conducted. Since the students of classes IX-XII are attending physical school after the parents' consent the school SOP were discussed with parents, the offline conduction of pen paper test and preboard exams were also discussed with the parents. The queries and suggestions of the parents related to school and conduction of exams were also taken up during the session.

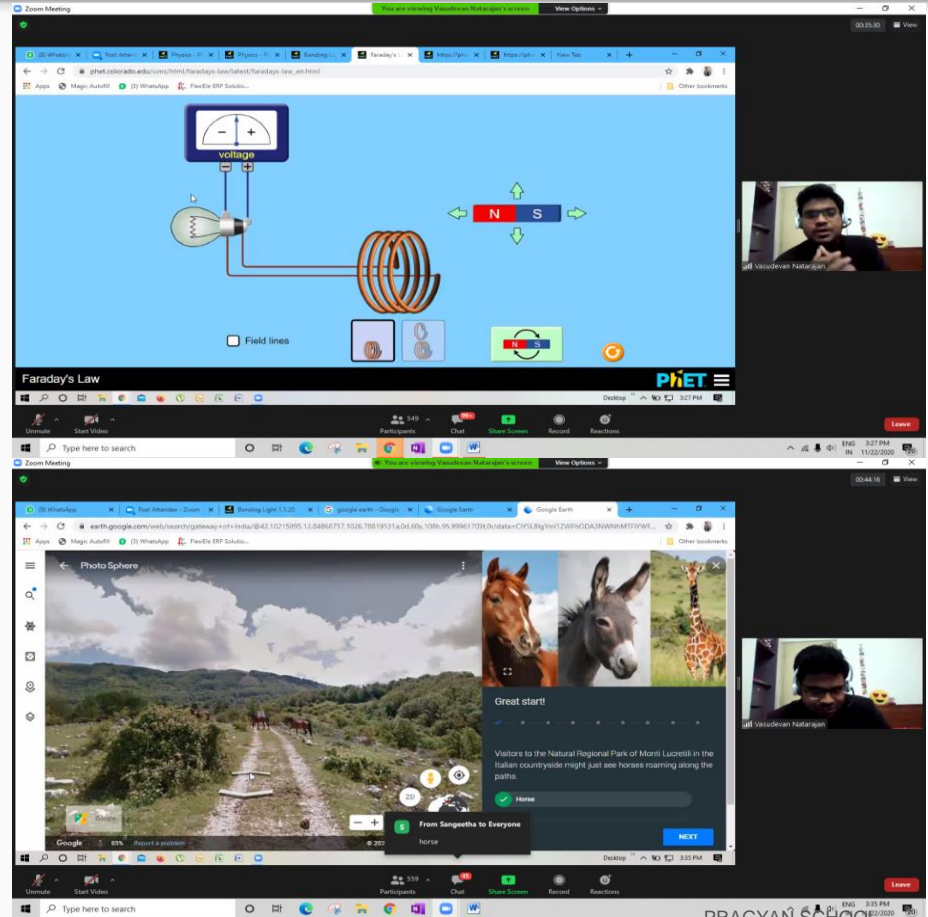
WEBINAR (XI- XII)

Creative Industries careers like Advertising, Design, Journalism, Films have all three covered: Fame: Fun: Fortune. With the creative industries generating an annual income of £91.8 billion, there has never been a better time to join the movement. Understanding the importance of creative career, a webinar was organized by GPTS in association with Jagran LakeCity University for students of classes XI and XII on 21st Nov 2020, on the topic – “When stories collide: The world of impact, convergence and creative career”. Ms. Noopur Tiwari, the resource person spoke in length about evolving career options and provided information such as how to sharpen our career goals, what skills we need to ensure a vibrant career path, and what it takes to study creative disciplines and how to select such an institution that offers such disciplines. Students found the session to be enriching.



TEACHER'S WORKSHOP

Teachers of middle and senior section attended workshop conducted by Superteachers on Sustainable Hybrid Schooling on 22nd Nov 2020. The resource person introduced and demonstrated the use of tools like forced mute, breakout rooms, poll in online platforms. The demonstration to links like Phet.colorado.edu, Blendedlearning.org, <https://www.google.com/earth/>, augmented reality app like Arloopa, ePathshalaAR, beaker, nearpod were explained to the teachers. It was an informative session where the teachers got the exposure to make the online session more interactive and informative for the students.



CYBER SECURITY

Tip Of The Week



HOW TO PROTECT YOURSELF DURING ONLINE GAMING

- Do not share your personal information like name, address and phone number with players.
- Never share your and your parent's credit card/debit card details with anyone.
- Never install games downloaded from free online gaming websites that are not reputed.
- Never use web cam while playing online games.
- Never meet in person with someone from your online gaming world.
- Never give remote access of your system to unknown persons.