



तपस्विभ्योऽधिको योगी ज्ञानिभ्योऽपि मतोऽधिकः ।  
कर्मिभ्यश्चाधिको योगी तस्माद्योगी भवार्जुन ॥

tapasvibhyo 'dhiko yogi jñānibhyo 'pi mato 'dhikah  
karmibhyaś cādhiko yogī tasmād yogī bhavā'rjuna

Bhagavad Gita - Chapter 6 text 46

A yogi is greater than the ascetic, greater than the empiricist  
and greater than the fruitive worker. Therefore, O Arjuna, in  
all circumstances, be a yogi.

## GANESH UTSAV 2024 AT NHG

New Horizon Gurukul celebrated Ganesh Chaturthi with unparalleled grandeur and devotion on September 11, 2024, transforming the campus into a haven of spirituality, cultural pride, and communal unity. Aiming to instill profound spiritual values, inspire deep cultural reverence, and foster an extraordinary sense of togetherness, the event began with an awe-inspiring Ganesh Homa at 10:30 a.m. Students, staff, and dignitaries gathered in great numbers, embracing traditional attire and creating an atmosphere filled with reverence and anticipation as they sought the blessings of Lord Ganesha to bring forth new beginnings and clear life's obstacles.



The festivities escalated with vibrant dance performances by students, whose graceful and energetic movements painted a lively, festive picture that embodied the richness of India's cultural heritage. The celebration reached its zenith with the Maha Aarti, where the air reverberated with the resonant chanting of shlokas and bhajans, creating an atmosphere so charged with devotion that it left everyone spellbound. Every corner of the campus was infused with divine energy, amplified by the colorful attire of the participants and the spiritual zeal radiating from each individual.

As a final act of grace, prasadam was distributed to all attendees, leaving everyone in a state of blissful contentment and spiritual peace. This celebration of Ganesh Chaturthi at NHG was nothing short of magical, deeply impacting everyone present, leaving an indelible mark on their hearts, and vividly underscoring the power of cultural tradition, unity, and the collective spirit of devotion within the Gurukul family.

## HANDS-ON LEARNING WORKSHOP ON DNA FINGERPRINTING AND GEL ELECTROPHORESIS

On 20<sup>th</sup> September 2024, a hands-on workshop on DNA fingerprinting and gel electrophoresis was conducted for the biology students of grades 11 and 12 at New Horizon Gurukul. The workshop saw enthusiastic participation from 30 students, who had the unique opportunity to engage in real-life applications of molecular biology techniques such as DNA isolation, gel electrophoresis, and UV visualization. The session was led by **Dr. Deepti Saini, an eminent scientist from IISc Bangalore**, who brought her wealth of knowledge and experience to guide students through the intricate processes involved in DNA fingerprinting. Dr. Saini provided detailed insights into the principles and applications of DNA fingerprinting, including its relevance in forensic science, genetic research, and medical diagnostics.



During the workshop, the participants had the chance to work hands-on with isolation DNA from samples and visualize it using UV light. The practical exposure to gel electrophoresis helped them understand how DNA fragments are separated and analyzed, offering a deeper understanding of this critical technique in modern biology. This enriching learning experience not only enhanced the students' grasp of theoretical concepts but also significantly boosted their interest in molecular biology. The workshop succeeded in providing a comprehensive understanding of the processes involved in DNA analysis, making it an invaluable experience for all the participants.

## EDUCARE - Rekindle Your Latent Goodness



In a small town, Arjun and Shankar were best friends with big dreams. Arjun had always talked about becoming a scientist, while Sameer fantasized about a successful business but didn't act on it. They spent hours planning, yet only Arjun took steps toward his goal. He studied hard, read every book he could find, and even built tiny models in his garage.

Shankar, on the other hand, loved dreaming but dreaded the work. "Luck will help me," he'd say with a shrug whenever Arjun urged him to start planning.

Years later, Arjun's scientific invention won national acclaim. As he celebrated, Shankar stood in the crowd, clapping yet feeling a pang of regret. In that moment, he realized that while he'd waited for luck, Arjun had created his own future. Inspired, Shankar finally began working on his business idea, understanding that success doesn't just arrive; it's built, step by step.



**MUNS: A SITE FOR DIPLOMATIC DEVELOPMENT**

*"The UN wasn't created to take mankind into paradise, but rather, to save humanity from hell." -Dag Hammarskjöld*

Model United Nations (MUNs) are conferences where delegates are put in a simulation of various situations, where they assess and resolve pressing international disputes and problems, effectively enhancing their critical thinking skills, extempore skills, time management skills, vocational skills and ability to engage in effective diplomacy. MUNs also help to develop beneficiary proficiencies such as leadership qualities, academic writing skills, networking, conflict resolution, global awareness, cooperation, etc.

As avid MUNers ourselves, we have witnessed the massive influence that it has had on our skills in general, whether it improves our skills in debate, or if it enhances our ability to research and navigate through legalities. MUN conferences can put you in various pressing situations: Be it during press sessions, where you are aggressively questioned on your country's stance and actions; Or during crisis updates, where you must manage time effectively to address spontaneously arising challenges, it all helps you increase your logical thinking, general knowledge, and overall, your ability to handle pressure. MUNs also have varieties within themselves; different committees require you to use different skills

In a GA committee, your speaking skills, lobbying skills, effective usage of your mandate and ability to provide effective solutions are imperative; in a UNSC, your research, usage of legalities, and ability to provide facts, law, logic and solutions into every speech may give you the upper hand, and in crisis committees, your application of problem-solving competencies, interpretative acumen, legal reasoning coupled with rhetorical skill, and your capacity to offer impactful and innovative solutions can contribute to your success.

Overall, MUNs are a stage where you can exhibit your skills while learning new concepts and refining the concepts already known to you. A stage where every setback is a learning and every victory reinforces established skills. A stage where entertainment and learning can coexist. We have acquired a considerable amount of knowledge from the Model United Nations conferences we have attended, and we assure you that you will experience the same.

**-Arul Swaminathan and Sarthak C, 9F**



**UNDERESTIMATION: A CRISIS FOR HUMANITY**

Sometimes, people or groups are judged too quickly, and others don't see their true potential. This can lead to big mistakes, like missed opportunities or dire consequences. When people's abilities are underestimated, it can stop them from succeeding and growing.

You might know Thomas Edison as the person who invented the light bulb, but when he was young, his teachers thought he was "too stupid to learn anything." However, Edison changed the world with his inventions, proving that people can achieve extraordinary things, even if others initially doubt them.



Many people, especially those from smaller or overlooked communities, often face even more unfair judgments. These judgments can prevent them from getting good education or job opportunities, preventing them from showing what they can do. It's not just sad for them – it hurts everyone because we miss out on their talents that could make the world a better place. When the Wright brothers first worked on flying machines, most people thought they were crazy. Everyone thought that humans could never fly. But they kept going and eventually built the first successful airplane. If society had ignored them because they were seen as "just bicycle mechanics," we might not have airplanes today.

Great ideas are often laughed at or ignored. Think about the internet. Many people didn't think it would be necessary in the early days. But now, the internet is part of everyday life, and most people can't imagine living without it.

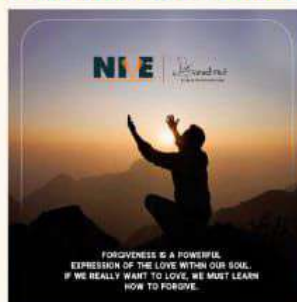
When Steve Jobs introduced the iPhone, many thought it was too expensive and unnecessary. Why would anyone want a phone that could do more than call people? Now, smartphones are a huge part of our daily lives – we use them to learn, work, play, and connect with others. When people are constantly underestimated, they can start to doubt themselves. This can cause anxiety, self-doubt, and even something called "imposter syndrome," where people feel like they're not good enough, even when they are. We need to change how we see people. Everyone has value and potential, and we should always try to be open-minded. We also need to support education and help people learn to grow and reach their full potential. If we stop underestimating others, everyone has a chance to shine, and we can all make the world a better place together.

**Shibani- X D**

**UNDERESTIMATION: A CRISIS FOR HUMANITY**

**Word search - HEALTH**

c	o	t	u	l	b	l	e	e	d	n	t	g	h	h	u
l	o	v	s	w	e	a	t	n	i	y	e	r	i	r	
b	z	u	e	s	p	a	l	l	o	c	e	a	t	k	b
a	a	u	g	m	i	o	h	l	u	e	o	o	t	u	i
o	w	r	a	h	c	f	u	r	p	n	m	i	a	c	y
d	o	o	i	a	p	r	j	s	c	t	i	g	t	h	
n	a	r	n	t	i	r	t	b	v	c	l	l	o	a	f
e	i	f	e	e	i	x	f	a	a	n	r	e	w	i	v
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c	z	e	e	e	l	e	b	e	t	o	n	w	e	k	



Can you find these health words in the puzzle?

- |            |          |         |
|------------|----------|---------|
| feel       | burn     | faint   |
| catch      | cough    | itch    |
| hurt       | injure   | scratch |
| look after | operate  | strain  |
| take       | collapse | sweat   |
| bleed      | develop  | treat   |

**VIGILANCE AWARENESS WEEK 2024**

Vigilance Awareness Week 2024 at New Horizon Gurukul began with a workshop on vigilance and anti corruption laws in India, attended by 500 students.



## LIFE-SAVING CONTRIBUTIONS: NHG'S BLOOD DONATION DRIVE



The Interact Club of New Horizon Gurukul organized a successful blood donation camp to raise awareness about the urgent need for blood and promote the benefits of voluntary blood donation. The event, held in the yoga room from 9 am to 3 pm aimed to save lives by collecting blood for local hospitals and medical centers, while fostering a sense of social responsibility and community service among students, teachers, parents, and local community members. **Over 140 participants**, including first-time donors, enthusiastically joined the cause. The process was efficiently managed with the help of student volunteers, who assisted the medical team from BMS hospital in registration, health check-ups, and ensuring safety protocols were followed. With **101 successful donations**, the camp proved to be an empowering and rewarding experience for all involved, showcasing the school's commitment to social causes and instilling a spirit of service. Refreshments were provided post-donation, ensuring that donors regained energy. The event highlighted the importance of blood donation while providing valuable learning opportunities for everyone involved.

## HYDROPONICS @ NHG –PAVING WAY FOR A SUSTAINABLE TOMORROW!!

On 19th October 2024, New Horizon Gurukul successfully conducted its 12th harvest sale under the Hydroponics gardening program. This initiative, managed by the school's Green Ambassadors, showcased the harvested lettuce and French beans grown using the hydroponic farming technique. This sustainable and eco-friendly farming method has proven to be an exceptional avenue for experiential learning in botany and environmental awareness. The harvest and packaging processes were carried out entirely by students, who gained valuable hands-on experience not only in agriculture but also in aspects of marketing and sales strategy. By organizing and executing the sale themselves, the students had an immersive experience in managing product presentation, customer interaction, and sales transactions, simulating a real-world business environment. The event attracted parents as buyers, allowing students to engage with the community and share their knowledge on hydroponics and its benefits. The sale was a resounding success, with a total amount of **Rs. 14,500** collected. The revenue generated will be allocated to charitable causes, reinforcing the values of social responsibility and sustainability among the students. Through this initiative, New Horizon Gurukul has reinforced the importance of sustainable living and practical education, allowing students to bridge classroom knowledge with real-life applications.



## PAPER RECYCLING DRIVE 2024

As part of the Green Campus Initiative, New Horizon Gurukul organized a highly impactful recycling program in association with ITC Ltd.'s WOW (Wellbeing Out of Waste) initiative on October 18th and 19th, 2024. Aimed at inculcating individual responsibility, fostering a love for nature, and creating awareness about waste segregation and recycling, the event saw enthusiastic participation from students across all grades. An impressive **7 tons of dry waste was collected**, reflecting students' dedication to environmental conservation. Participants were rewarded with new notebooks, stationery, and certificates of appreciation, while top contributors received special recognition through medals and certificates. This initiative successfully encouraged students to become environmental champions, emphasizing their role in building a sustainable future.



### संगत की रंगत

एक बार की बात है कि एक चिड़िया समुद्र का पानी अपनी चोंच में भरकर बाहर निकाल रही थी .....यह देखकर एक कौआ आया और बोला ,तू ये क्या कर रही है? चिड़िया ने कहा समुद्र ने मेरे बच्चों को ले लिया है और मैं उसके पानी को निकाल रही हूँ तब कौए ने कहा तू इतने बड़े समुद्र का पानी कभी खत्म नहीं कर पाएगी तो चिड़िया ने बड़ी ही नम्रता से कहा तुम मुझे सलाह मत दो ,हो सके तो मेरा साथ दो ।इस तरह कौआ भी चिड़िया के साथ समुद्र का पानी बाहर निकालने लगा और उनको देखकर जंगल के और भी पक्षी उनके साथ आते गए....यह सब देखकर भगवान विष्णु का वाहन गरुड़ भी इनका साथ देने के लिए आने लगा तब भगवान विष्णु ने गरुड़ से कहा कि तुम सब कितनी भी कोशिश करो, यह संभव नहीं है.....तब गरुड़ ने कहा कि हे प्रभु ! हमें सलाह मत दीजिए, हो सके तो हमारा साथ दीजिए.....और गरुड़ के साथ स्वयं भगवान विष्णु को आते देख, समुद्र डर गया ।वह माफ़ी माँगते हुए बाहर आया और चिड़िया को उसके बच्चे उसे लौटा दिए । चिड़िया अपने बच्चों से मिलकर बहुत प्रसन्न हुई।

सीख- कठिन समय में एक दूसरे पर आरोप लगाने और सलाह देने से अच्छा है उनका साथ दो ।

एश्वर्या द्विवेदी  
कक्षा- १०

### # VALUE PUZZLE

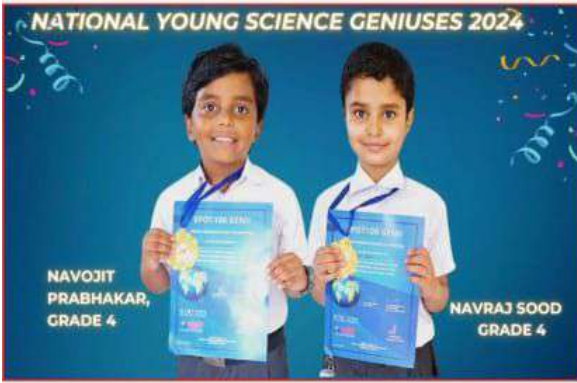
O O A S S O N

HINT- IT IS THE DEEP AWARENESS COUPLED WITH SYMPATHY FOR ANOTHER'S SUFFERING, ALONG WITH A DESIRE TO HELP THEM.

NIVE



**ACHIEVEMENTS**



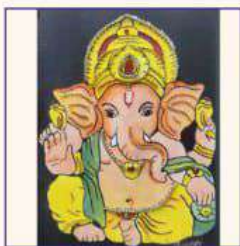
Navojit Prabhakar of Grade 5 and Navraj Sood of Grade 4, have emerged as winners of SPOT 2024, securing their places among the Top 100 young science talents in India. This prestigious national science talent exam, conducted annually by the Vikram Sarabhai Science Foundation, seeks to nurture and celebrate the brilliance of young minds. Their outstanding scores reflect not only their intellect but also their dedication and passion for science. This achievement showcases their hard work and commitment to exploring scientific concepts. As role models for their peers, they inspire a new generation of young scientists. Their journey is a testament to the importance of curiosity and innovation in education.

New Horizon Gurukul proudly congratulates Aarush G Malannavar on his extraordinary trekking achievements across the Himalayas! His journey began with scaling Har ki Dun at 11,811 feet, showcasing his adventurous spirit and determination. He then conquered the Goehala Trek at an impressive 15,100 feet, reaffirming his passion for exploration. On his third expedition, Aarush braved knee-deep snow and extreme cold to reach the 15,100-foot Pangarchulla Peak in the Garhwal Himalayas, taking in awe-inspiring views of Nanda Devi and Chaukhamba. Most recently, he completed the challenging Rupin Pass trek, covering 41 kilometers over seven days to reach 15,350 feet in Himachal Pradesh. Aarush's remarkable perseverance and resilience through rugged terrains and unpredictable weather inspire us all to pursue our passions and aim for new heights. Congratulations, Aarush!



Tulasi Mira, a rising star in squash, earned the runner-up position at the recent Combined U09 and U11 Squash Tournament hosted by Rabina Sports Academy. The event saw seven talented players competing fiercely for top honors. Throughout the tournament, Tulasi displayed impressive skills, agility, and strategic play. Despite facing tough opponents, she advanced to the final, where her perseverance was evident. Her success serves as an inspiration to young athletes aspiring to excel in squash. This result marks a significant milestone in her promising squash career.

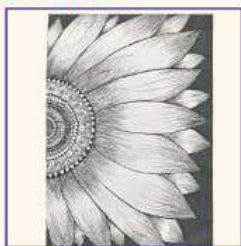
**Art Corner**



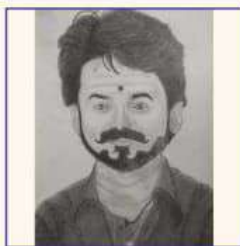
Aarna Choudhury 6D



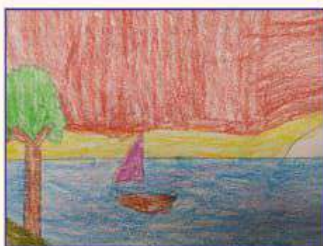
Aditya Varshney, 6G



Nikunj Khandelwal, 5D



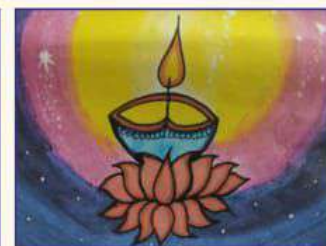
Nikunj Khandelwal, 5D



Aarna Choudhury 6D



Aditya Varshney, 6G



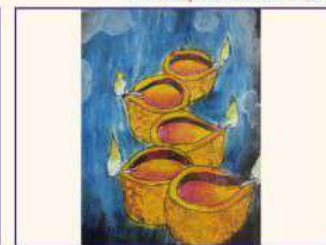
Nikunj Khandelwal, 5D



Sejal Nayak, 8G



Shivani Nayak, 7D



Vaishali, 5G

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**PUZZLE**

# VALUE PUZZLE

Answer key

COMPASSION

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