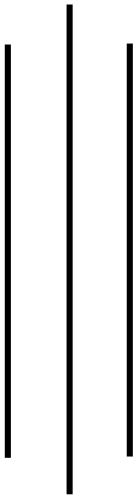
Radiant Secondary School

Mahendranagar, Kanchanpur

A Project Work
Submitted to the Radiant Secondary School
National Examination Board
In the partial fulfillment of the requirement of
Grade XII in English

English Project Work



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Year: 2079

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I would like to express my sincere gratitude and appreciation to all those who have contributed to the successful completion of this project.

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I am also grateful to the staff and resources of the institutions that provided me with the necessary facilities, equipment, and materials for this project. Without their support, this project would not have been possible.

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Thank you all once again for your invaluable contributions to this project.

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HYPERLOOP

Virgin Hyperloop (formerly Hyperloop Technologies, Hyperloop One and Virgin Hyperloop One) is an American transportation technology company that works to commercialize the high-speed travel concept called the Hyperloop, a variant of the vacuum train. The company was established on June 1, 2014 and reorganized and renamed on October 12, 2017.

Hyperloop systems are intended to move passengers and/or cargo at airline speeds at a fraction of the cost of air travel. They are designed to run suspended by magnetic systems in a vacuum tube. The original Hyperloop concept proposed to use a linear electric motor to accelerate and decelerate an air-bearing levitated pod through a low-pressure tube. The vehicle would glide silently at speeds up to 760 mph (1223.1 km/h) with very low turbulence. The system is proposed to be entirely autonomous, quiet, direct-to-destination and on-demand. As it is proposed to be built on columns or tunnelled underground, it would eliminate the dangers of at-grade crossings and require smaller rights of way than high-speed rail or a highway. Virgin Hyperloop has made substantive technical changes to Elon Musk's initial proposal and chose not to pursue the Los Angeles–to–San Francisco notional route that Musk envisioned in his 2013 alpha-design white paper.

The company had raised $295 million on December 18, 2017, and demonstrated a form of propulsion technology on May 11, 2016, at its test site in North Las Vegas. It has completed a 500-meter Development Loop (DevLoop) and on May 12, 2017, held its first full-scale test. The test combined Hyperloop components including vacuum, propulsion, levitation, sled, control systems, tube and structures. As of May 2019, the company had raised $400 million.

Its publicly stated goal is to launch commercial operations by 2030.

On November 8, 2020, after more than 400 unmanned tests, the firm conducted the first human trial at a speed of 172 km/h (107 mph) at its test site in Las Vegas, Nevada. However, in February 2022, the company abandoned plans for human rated travel and instead focused on freight, firing more than a hundred employees amounting to half its total workforce.

LETTER TO THE EDITOR

Bhimdatt-18, Mnr, Kanchanpur
7th March 2023

The Editor
The Kantipur daily
Mahendranagar, Kanchanpur

Subject: Increase of air pollution in Mahendranagar

Respected Sir/Ma'am,

I am Manoj, inhabitant of Mahendranagar. I am writing to you to bring to your notice the increasing effect of air pollution in our neighbourhood and in the surrounding areas.

Mahendranagar Bazar has seen a rapid increase in the use of private transportation and the number of vehicles that have come up in recent years. This has increased the risks of serious health hazards, including breathing difficulties, chronic diseases, lung damage, nausea, fatigue, etc. The hospitals around the area have already seen an unexpected rise in the number of patients showing symptoms of chronic illness, and it is important that people and government authorities are made aware of this dangerous situation at the earliest.

Owing to the seriousness of this situation, I request you to kindly highlight the issue so that some action can be taken to curb the effect of air pollution and decrease the risk of people being affected by it.

Thanking you

Yours sincerely,

Manoj Joshi

SAMPLE OF EMAIL WRITING

Subject: Request for Sick Leave

Dear Mr. Suresh Bhatt

I am writing to request a sick leave for two days, starting from March 8, 2023, to March 9, 2023. I am unable to attend work due to a fever and flu.

I have informed my manager, Mr. Subin Khadayat, about my absence and have arranged for any pending work to be taken care of during my absence. Please let me know if there are any additional steps that I need to take to ensure that the work is not affected during my absence.

Thank you for your understanding. I will keep you updated on my condition and look forward to returning to work after my recovery.

Best regards,

Manoj Joshi

SAMPLE OF DIARY ENTRY

Date: March 7, 2023
Time: 10:00 PM

Dear Diary,

Today was a roller coaster of emotions. I woke up feeling anxious about my math test that I had in the afternoon. I spent the whole morning reviewing the material, practicing problems, and reciting formulas to myself.

When I got to school, I could feel my nerves getting the best of me. But as soon as the test began, I focused all my energy on answering the questions. It was a tough test, but I felt confident in my answers and time management.

After the test, I met with my friends for lunch and we talked about our weekend plans. It was nice to have a break from studying and to catch up with them.

The rest of the day was a blur of classes and assignments. I had to rush to finish an English essay that was due tomorrow, and I barely had time to eat dinner before starting my math homework.

Now that I'm finally done with my homework, I feel exhausted and drained. But at the same time, I feel a sense of accomplishment for finishing everything on time. I'm looking forward to some rest and relaxation tomorrow.

Good night, diary.

Sincerely,

Manoj Joshi

BIOGRAPHY – Nikola Tesla

Nikola Tesla was an inventor and electrical engineer who made significant contributions to the field of electricity. He is most notable for his work on the transmission of electrical power and developing the Tesla coil. The following essay will examine some of the characteristics of this iconic figure and provide a brief history of his life and accomplishments.

Nikola Tesla was born in Smiljan, modern-day Croatia, in 1856. He was the middle child in a middle-class family and spent his childhood years playing in the countryside with his brothers. In 1862, his father died, and his mother sent him to live with an uncle in New York City to keep him safe from the unrest occurring throughout the Balkans. Upon arriving in New York, Nikola immediately began to study physics and mathematics, and became a math instructor at a local school upon his graduation from high school. He enrolled at the Polytechnic Institute of NY to study engineering in 1875 but withdrew after only one year due to a lack of funding. He returned to school in 1878 and completed his education at Cooper Union for the Advancement of Science and Art in 1881 with a degree in electrical engineering.

After graduating from college, Tesla worked as a consulting engineer for Thomas Edison for a time before becoming an independent inventor. During the 1880s, he developed several ground-breaking inventions such as the alternating-current induction motor and the transformer. In addition, he played a major role in the development of Niagara Falls' hydroelectric power plant and wrote a series of articles detailing his theory of alternating current. His theories were not widely accepted at the time but would later form the basis of modern electrical systems around the world. In 1884, he married his wife, Mary Bogich, who convinced him to abandon the use of electric lighting in favour of electricity generated from fossil fuels. This decision proved to be very profitable for Tesla, as he made several successful ventures into the mining industry and established a reputation as one of the greatest inventors of his time. He died in 1943 at the age of 86 and is remembered as one of the pioneers of modern science and technology.

By all accounts, Nikola Tesla was an extraordinary man whose genius left an indelible mark on modern society. During his lifetime, he made significant contributions to the field of physics and developed a wide variety of innovative inventions that changed the way people live and work around the world. However, little is known about the life and mysterious death of this great man.

PRESS RELEASE

FOR IMMEDIATE RELEASE

Buddha Airlines Announces Flight Cancellations Due to Inclement Weather

Kathmandu – Buddha Airlines regrets to announce that due to inclement weather conditions, several flights have been cancelled. The safety of our passengers and crew is our top priority, and we have made this decision in the interest of their well-being.

Passengers affected by the cancellations will be rebooked on the next available flight at no additional cost. Buddha Airlines apologizes for any inconvenience caused and is committed to ensuring that all passengers reach their destinations as soon as possible.

For more information, please contact Buddha Airlines customer service at 977 1 5970900 or visit our website at https://www.buddhaair.com/

About Buddha Airlines

Buddha Airlines is a leading airline providing safe and reliable air travel to destinations around the world. With a commitment to customer satisfaction and safety Buddha Airlines is dedicated to providing the highest level of service to its passengers.

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