



# MONTHLY Newsletter

CANADIAN INTERNATIONAL SCHOOL BANGLADESH

Volume 19, Issue 12

January 2025

## Mission

“Through the promotion of academic excellence, CISB strives to develop individuals for our society who, through understanding, tolerance, and respect, will help to create a safe place where children become lifelong learners, where excellence is tempered with compassion, and where success is moderated by spiritual understanding.”

## Vision

“Betterment of Self for Society”



CISB recently hosted a vibrant UN Day and Winter Fest Celebration, showcasing the school's diverse cultures. The event featured cultural performances, with students performing traditional dances from countries like Turkey, Sri Lanka, China, Colombia, Korea, and Bangladesh. Cultural stalls offered a taste of global traditions, showcasing different countries' food, attire, and handicrafts. The celebration fostered cultural appreciation and unity, encouraging students to embrace global perspectives while honoring their own heritage. The event's success reflected the collaborative efforts of students, teachers, and parents in promoting cultural harmony and inclusivity.

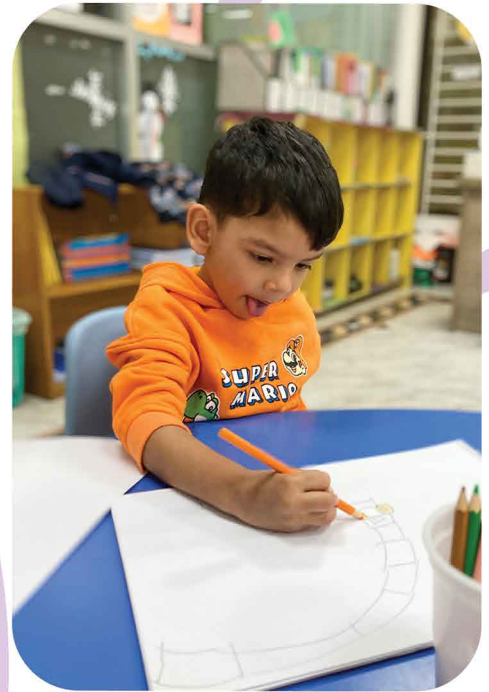
## Important Dates:

Feb 21 : International Mother Language Day , School Closed



Canadian International School Bangladesh

## JUNIOR KINDER- GARTEN



JK Students Explore the Food Pyramid! Our Junior Kindergarten students recently completed an exciting project about the Food Pyramid. Through interactive lessons and hands-on activities, they learned about the different types of food and their importance in a balanced diet. The young learners explored categories such as protein-rich foods, dairy products, and healthy fats, and discovered the variety of fruits and vegetables that help keep us strong and healthy. This project not only introduced them to essential nutritional concepts but also encouraged them to make healthier food choices in their daily lives. The students thoroughly enjoyed identifying and sorting foods into their respective groups and discussing their favorite healthy snacks. A big step toward building lifelong healthy eating habits.

# KINDERGARTEN



Kindergarten students had a great experience with a hands-on cut-and-paste activity exploring 3D shapes like spheres, cubes, cone and cylinders. This hands-on approach helped them understand the characteristics of each shape while boosting their creativity and fine motor skills.



The paper cone activity was a fun and engaging way to learn about nouns like things, places, animals, and people. KG kids created colorful cones and filled them with words that represented each category. This hands-on approach made it easier to remember and identify different nouns.

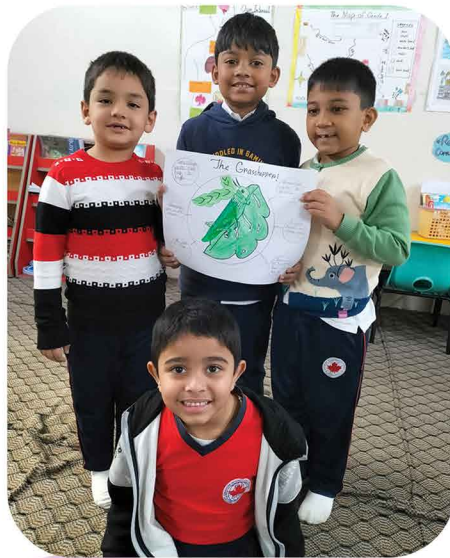
## GRADE 1



"Strong foundations make strong buildings." Grade 1 Made a house project for their science topic, "Materials, Objects, and Structures". They explored how materials are used to build a structure and the purpose of that structure. They also presented the project in Grade 2 and Grade 3.

"Green and Nimble! Discover the amazing grasshopper."

Grade 1 students explored all about grasshoppers from the "Look Around Book". They learned about its features, capabilities, and food. Moreover, They made a fun project reflecting on the key features of a grasshopper.



"Flutter, flutter, fly away! We learned about the monarch today!" Grade 1 students learned all about the beautiful monarch butterfly and its amazing migration, as well as, made a project on the Monarch butterfly 🦋 They explored its features, social structure, and seasonal habits. They reflected on the topic through a fun presentation.



A Number Garden Activity is a hands-on, engaging activity for young children that helps them explore numbers, counting, and basic math concepts.



Our Grade 2 students took a creative journey into the world of community helpers! Through their Community Helpers Chart Project, they illustrated and described the important roles of helpers like firefighters, doctors, teachers, and postal workers. This activity allowed them to explore how these individuals contribute to our communities, fostering a sense of gratitude and understanding. The beautifully crafted charts are now on display, celebrating the vital work of those who make our communities thrive!

## GRADE 3



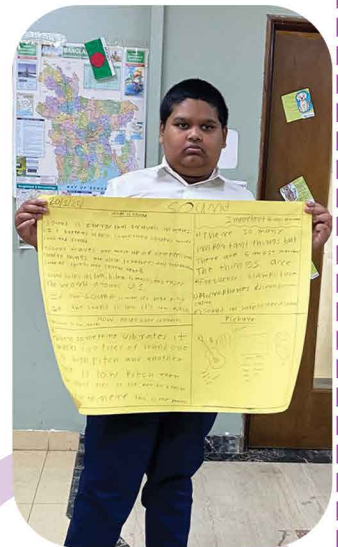
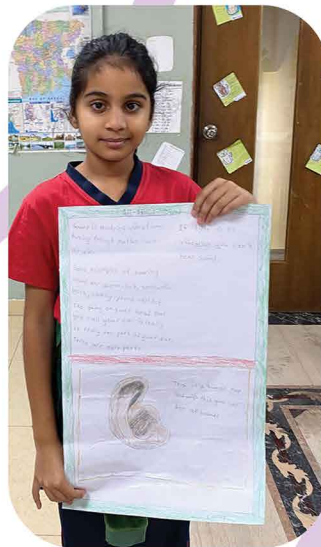
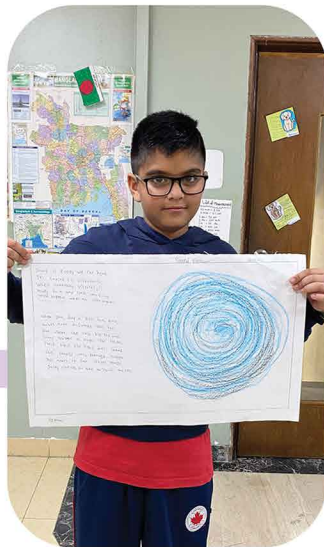
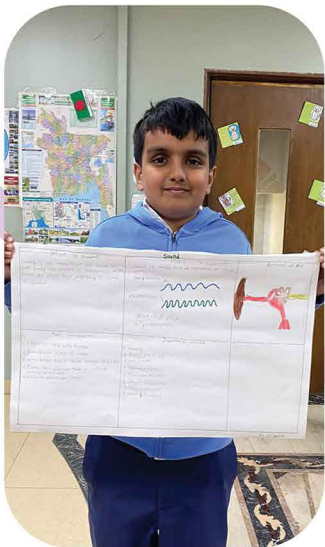
Students collected different types of leaves from trees and plants from school yards. Sort them based on their shapes, sizes, and types. Classify leaves into broad categories based on their characteristics. Make a print of the texture and shape of leaves. Study the internal structure of leaves and learn about their functions. Observe how leaves change with the seasons. These activities help students or participants better understand the variety of leaves in the plant kingdom while engaging in hands-on, exploratory learning.



Our Grade 3 students showcased their creativity and linguistic skills in a fun and interactive Prefix Chart Project! They explored prefixes like dis-, pre-, un-, and re-, creating colorful charts that highlighted their meanings and examples. Through this activity, students enhanced their vocabulary while gaining a deeper understanding of how prefixes can transform words. Their engaging projects are now proudly displayed in the classroom, inspiring everyone to dive into the fascinating world of word-building!

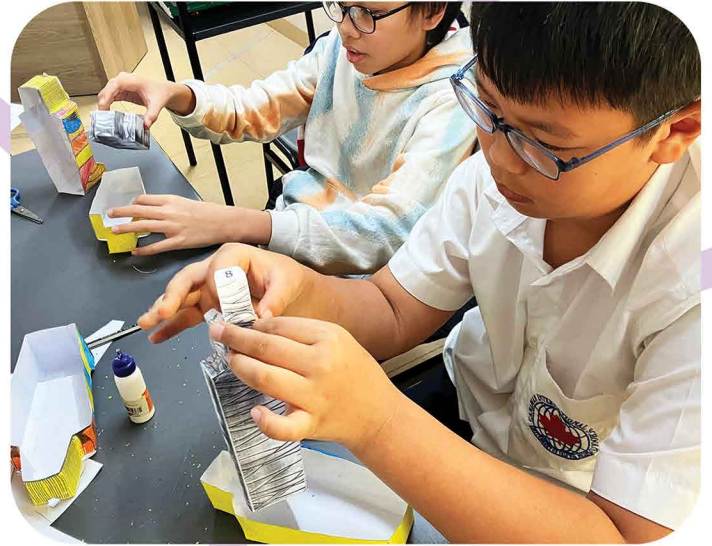


In the Health & Nutrition lesson, Grade 4 students are learning about netiquettes as part of their course for this term on personal safety. They are gathering facts and making notes. For the SST lesson, Grade 4 students have made models of homes of the serfs from the Middle Ages. They had to present their model in class and explain how the serfs build their cottage, the materials used by the serfs in the construction of the building, and how they used to live in the small cottage.

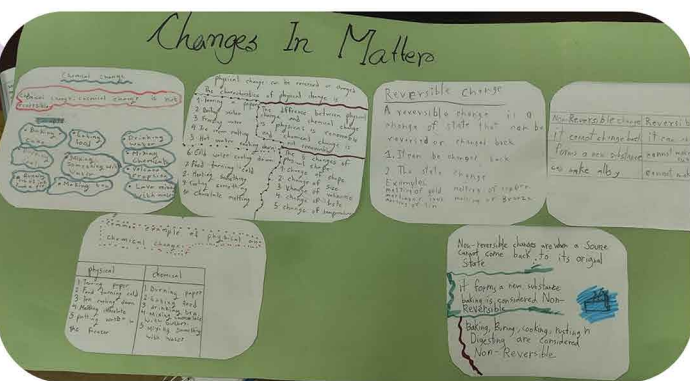


Vibrations in the air, magic in your ears! Discover the science behind sound and how it travels. Uncover the secrets of how we hear the world around us. It's a journey into the fascinating world of acoustics!



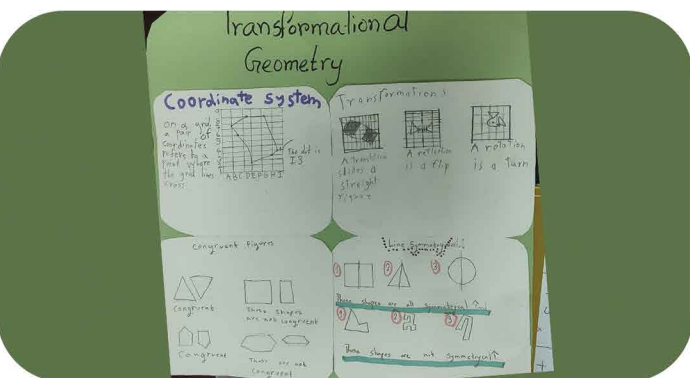


Grade 5 students created models of the ancient Egyptian pyramid, the sarcophagus and the mummy. This activity was part of a lesson to help students recap the topic.



Embarking on a journey of discovery, our Grade 5 students explored the captivating world of matter and its many transformations. They learned that change is constant, whether it's a physical change that alters the appearance of matter or a chemical change that creates something entirely new. This exploration fostered a deeper appreciation for the dynamic nature of the world around them.

Our Grade 5 students dove into the exciting world of geometry this week, transforming shapes and unlocking new dimensions! It was a hands-on adventure filled with creativity and discovery.





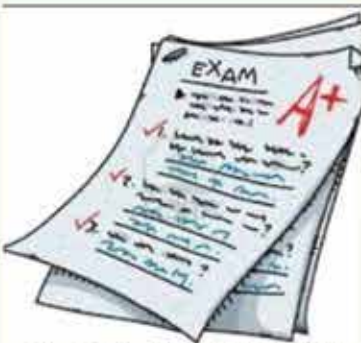
coder



shoes



read books



good marks in exam

# VISION BOARD



travel



aloha nlc prize



macbook



apple watch

I WILL MAKE IT HAPPEN

2025





**YOU GOT THIS**



**FOOD**



STAY INSPIRED.  
NEVER STOP  
CREATING.



**HAVE FUN**

**2025**

**MY VISION BOARD**

**TRAVEL**



**Live  
in the  
moment**



**be yourself**



*happiness  
is a habit*

**BE HEALTHY**







Vision 2025: Designing Our Future  
 Grade 6 students are dreaming big for 2025! Check out their inspiring vision boards created on Google Slides or Canva, showcasing goals, creativity, and future ambitions!

James So  
Gr 6 Math

# RATIO

1 2 3 4 5 6 7 8

## RATIO

Gum : Gummy  
8 : 10  
4 : 5

Gummy : Total  
10 : 18  
5 : 9

Gum : Total  
8 : 18  
4 : 9

:p BLEH

23:25

# RATIO

The ratio of strawberry to melon is = 2:2 = 1:1

The ratio of strawberry to peach = 2:2 = 1:1

The ratio of peach to melon = 2:2 = 1:1

The ratio of strawberry to peach to melon = 2:2 = 1:1

The ratio of strawberry to the number of total number = 2:12 = 1:6

The ratio of melon to the number of total number = 2:12 = 1:6

6-7-2025

# Ratios

Raspberry 7

Total 20

Wildberry 7

Black Cherry 6

Raspberry to Black Cherry 7:6

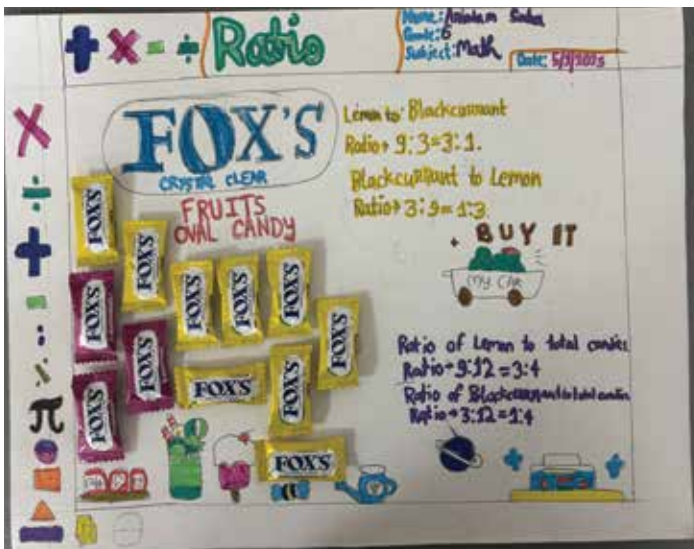
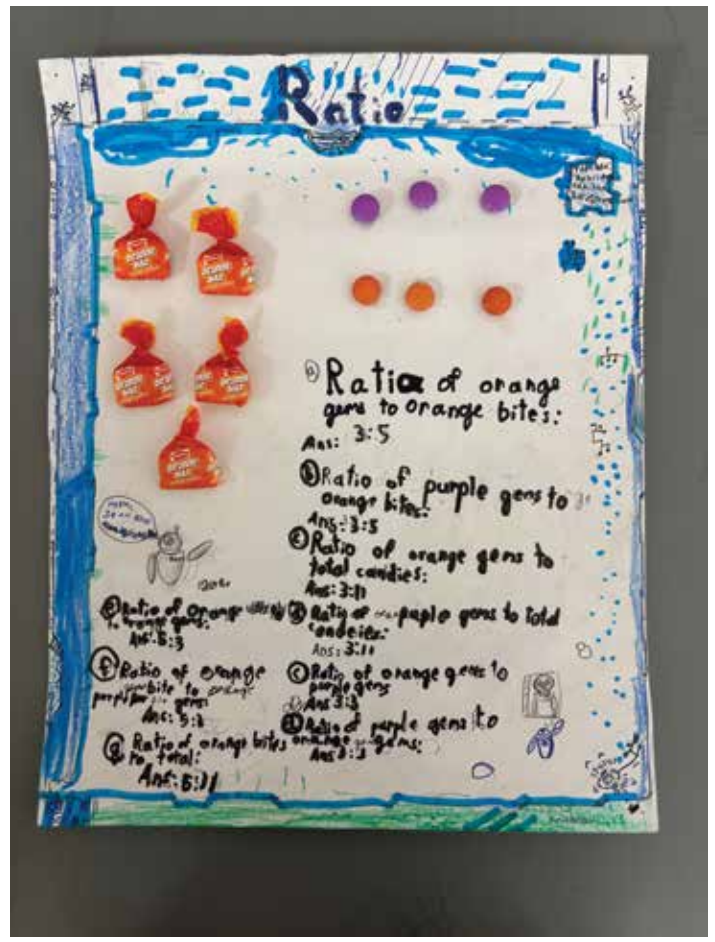
Wildberry to Black Cherry 7:6

Raspberry to Wildberry or 1:1

Raspberry to Total 7:20

Black Cherry to Total 6:20 or 3:10

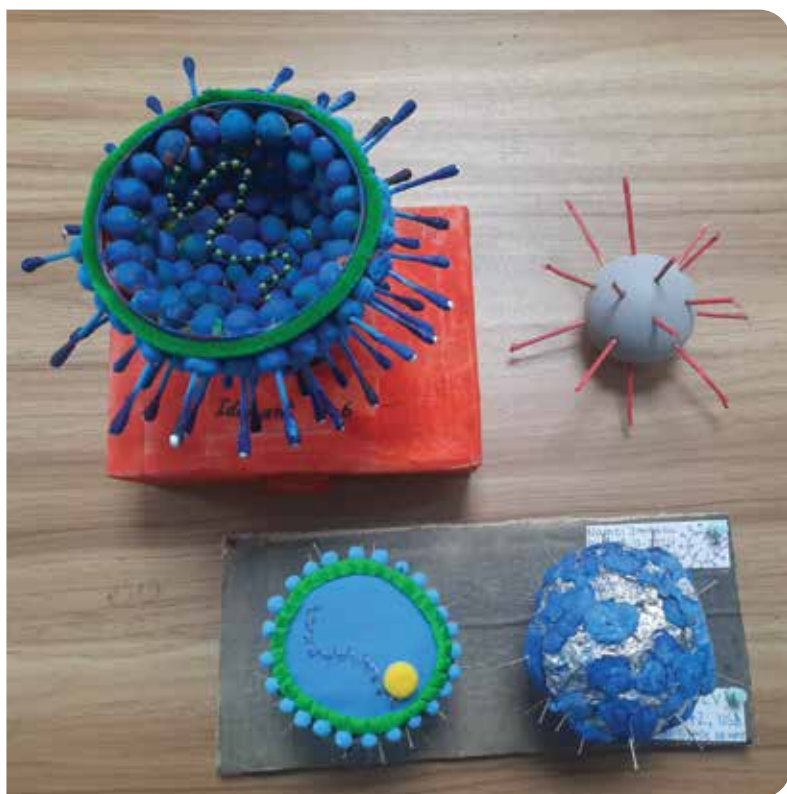
Wildberry to Total 7:20



### Snack Ratios: A Tasty Math Adventure!

Grade 6 students turned snacks into math! They had a blast calculating ratios while enjoying their favorite treats. Learning has never been so tasty!





### Virus Visions: Grade 6 Builds 3D Models of Microbial Mysteries

Grade 6 students recently created detailed 3D models of viruses as part of their science exploration. This hands-on project allowed them to visualize and understand the complex structures of viruses while enhancing their knowledge of microbiology.



### Building Bridges: Grade 6's Poster on Inclusion, Respect, and Acceptance

As part of their social studies project, Grade 6 students created powerful posters on Inclusion, Respect, and Acceptance, emphasizing the importance of fostering a supportive and inclusive environment. These posters reflect their understanding of these key values and promote kindness and unity within the school community.



**Grade 6 students explored the rich culture and history of Mexico through the CTP brochure project. They showcased their creativity by designing informative and visually engaging brochures that highlighted Mexico's unique traditions, landmarks, and cuisine.**

*study  
and  
focus*



Friends

hope you  
have a  
good life

Succeed



HAPPINESS

**2025**

MY VISION  
BOARD



*balance*

Travelling  
the  
world

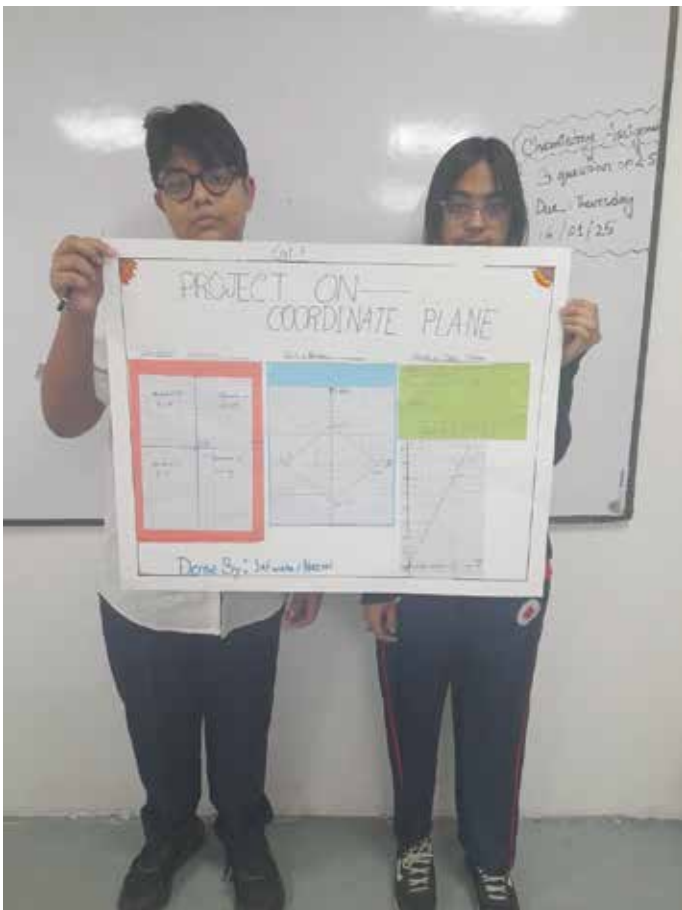


INSPIRATION



### Vision 2025: Designing Our Future

Grade 7 students are dreaming big for 2025! Check out their inspiring vision boards created on Google Slides or Canva, showcasing goals, creativity, and future ambitions!



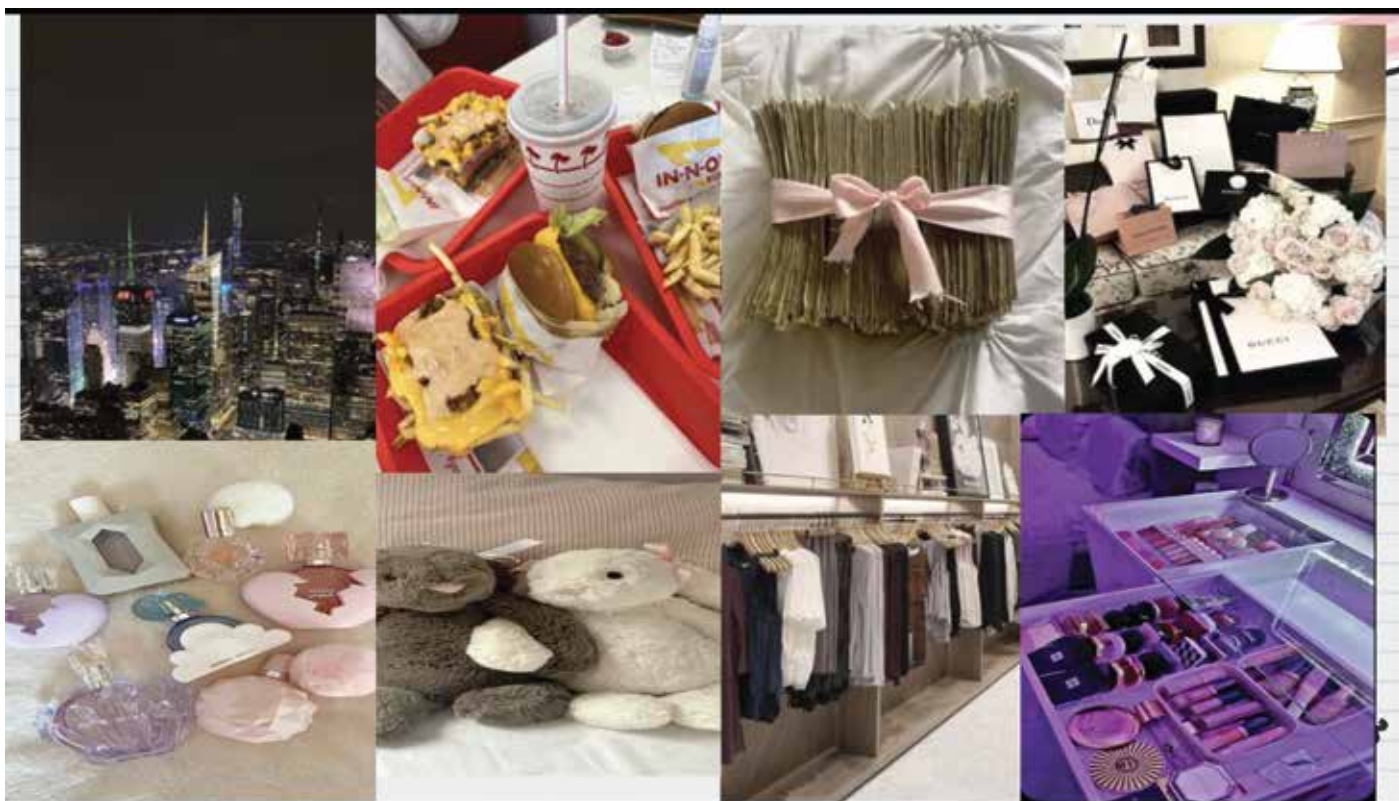
### Grade 7 Students Explore Coordinate Geometry Through Creative Projects

Grade 7 students at CISB showcased their understanding of coordinate geometry through an engaging project. They designed detailed Cartesian coordinate planes and plotted linear graphs to demonstrate key concepts.

The activity highlighted their ability to connect mathematical theory with practical applications, resulting in visually impressive and informative presentations.

# Grade 3





### Vision 2025: Designing Our Future

Grade 8 students are dreaming big for 2025! Check out their inspiring vision boards created on Google Slides or Canva, showcasing goals, creativity, and future ambitions!



# The Underground Railroad

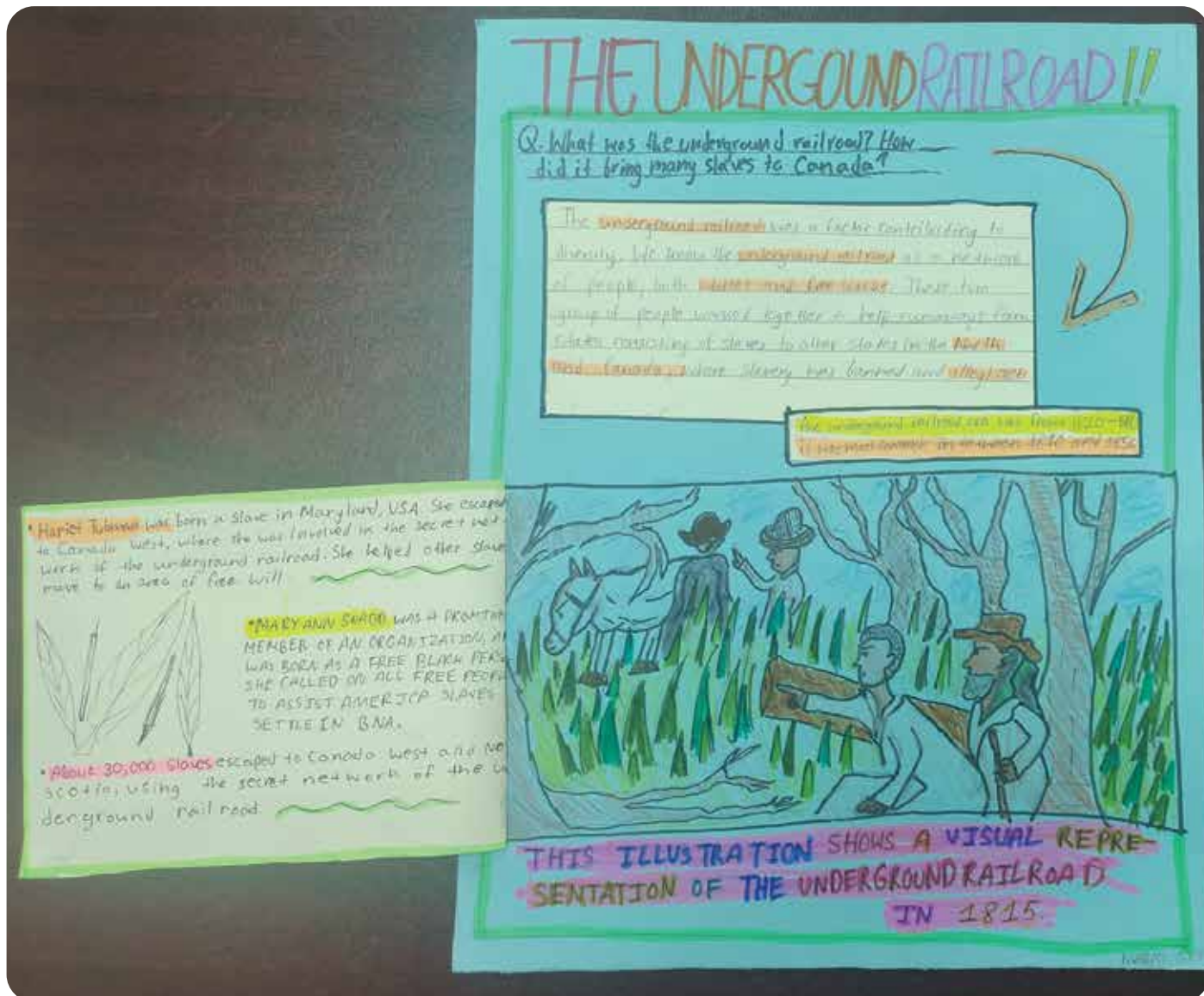
## Why was the underground Railroad? How did it bring many slaves to Canada?

The underground Railroad was a secret network of people, safe houses, and routes used by enslaved African Americans to escape from the southern United States to freedom primarily in the northern states and Canada during the 19<sup>th</sup> century. It operated from the late 18<sup>th</sup> century until the civil war ended in 1862. Though it's most active period was in the 1840s and 1850s. Over the years, it's estimated that around 30,000 to 40,000 enslaved individuals made their way to freedom through the underground Railroad. Many of them found refuge in Canada. The country became a symbol of liberty and a crucial destination for those seeking the freedom of slavery in the U.S.

# The Underground Railway

Settlements along the Detroit and Niagara rivers served as crucial Underground Railway endpoints from the early 19<sup>th</sup> century until the American Civil War. Abolitionists of both race and color established a robust network devoted to assist enslaved and free African Americans in escaping persecution. After sneaking north from slave states like Kentucky and Virginia, 30,000 freedom-seekers lived in what is now Ontario by 1861.

- \* The Underground Railway had to be a secret because it was against the law.
- \* Harriet Tubman rescued people from all over the South.
- \* The Underground Railway Era lasted from 1820-1860.
- \* The Underground Railway helped to guide 300,000 enslaved people to freedom.



### "Path to Freedom: Grade 8 Explores the Underground Railroad Through Art"

The Grade 8 students of CISB demonstrated their creativity and historical understanding in a thought-provoking Poster-Making Activity on the topic of the Underground Railroad. This network, which played a crucial role in bringing countless enslaved individuals to freedom in Canada, served as an inspiring theme for their artistic expressions.

Through their posters, students showcased the bravery of those who escaped bondage and the compassion of those who assisted them. Vibrant illustrations, poignant symbols, and meaningful messages reflected their deep engagement with this important chapter of history.

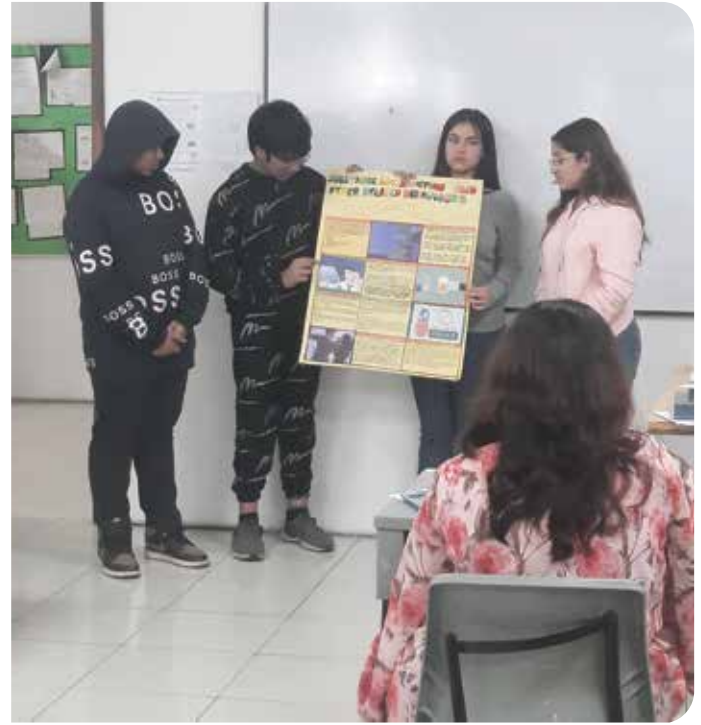




### Electric Reactions: Grade 8 Sparks Up Electrolysis Experiment

As part of their science curriculum, Grade 8 students recently conducted an exciting experiment on electrolysis, exploring how electricity can break down substances into their components. This hands-on activity helped deepen their understanding of chemical reactions and the power of electrical energy.





### Posters with a Purpose: Tackling Substance Use and Addictions!

The Grade 8 students have completed a project on Substance Use, Addictions, and Related Behaviours, showcasing their understanding through a creative poster. This initiative is to educate students on critical health topics and encourage responsible decision-making.



### The Science of Transpiration

Grade 8 students explored the fascinating process of transpiration through a hands-on experiment, observing how plants release water vapor. This experiment provided valuable insights into plant biology and the vital role transpiration plays in maintaining the plant's health.



### Grade 8 Students Bring the Laws of Exponents to Life Through Art

Grade 8 students at CISB showcased their creativity and understanding of mathematics in a Poster-Making Activity on the Laws of Exponents. Using vibrant visuals and clear explanations, they illustrated key concepts like the product rule, quotient rule, and zero exponents. The activity highlighted their ability to blend art and math, turning complex ideas into visually engaging and meaningful presentations.

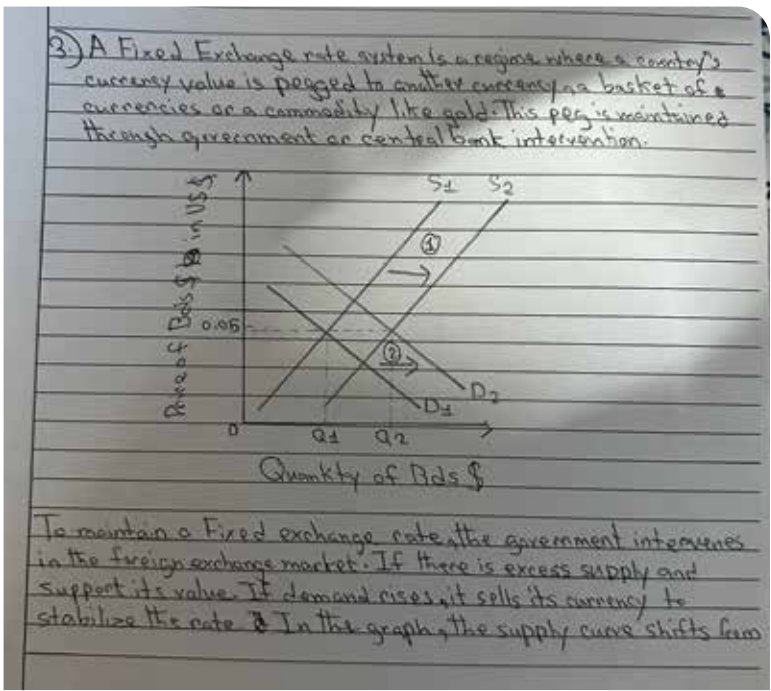
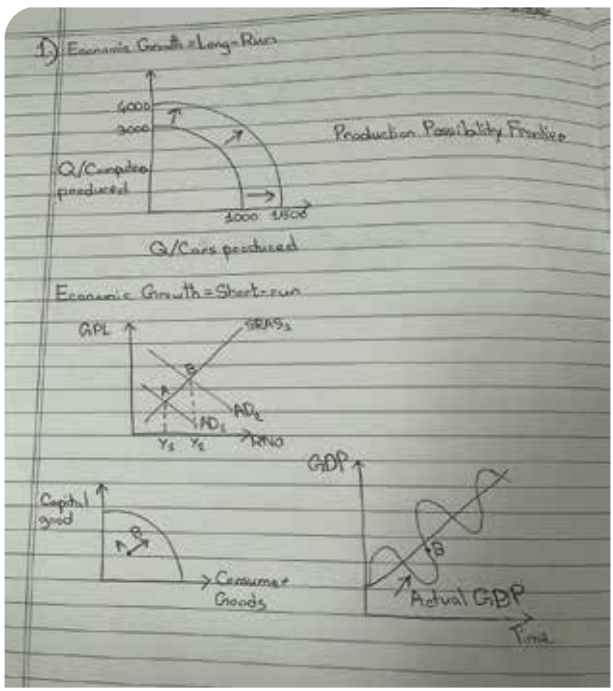
## Grade 10



### The Power of Persuasion: How Marketing Drives Sales

The students learned how marketing strategies influenced consumer behavior and purchasing decisions. They explored the role of effective advertising and branding in increasing sales. They also analyzed real-world examples to understand how companies successfully used these strategies.

# Grade 12



Country	Population (Billions)	Real GDP (\$Bn)	Real GDP Change (\$Bn)	Percentage Change (%)	Annual Growth Rate
USA	314,000,000	1,360,000,000	1,360,000,000 - 1,130,000,000 = 230,000,000	$\frac{230,000,000}{1,130,000,000} \times 100 = 20.35\%$	12.1%
Brazil	195,000,000	214,000,000	214,000,000 - 156,000,000 = 58,000,000	$\frac{58,000,000}{156,000,000} \times 100 = 37.18\%$	11.03%
Germany	81,800,000	33,200,000	33,200,000 - 31,500,000 = 1,700,000	$\frac{1,700,000}{31,500,000} \times 100 = 5.40\%$	1.1%

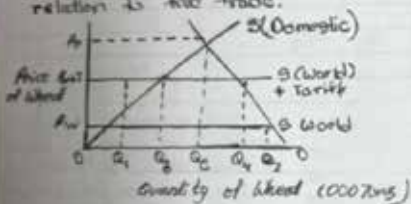
Economics Revision No: 4 7/1/25

5 key sources of economic growth, each with an example:

- Capital Accumulation**  
Increased investment in physical capital like machinery, infrastructure, and technology boosts productivity and output.  
**Example:** The rapid industrialization of China, driven by large-scale investments in factories and industrialization of China, driven by large-scale investments in factories and infrastructure, significantly increased its GDP.
- Labour Force Growth**  
An expanding labor force provides more workers to produce goods and services, enhancing overall output.  
**Example:** The population boom in India, coupled with an increasing workforce has contributed to its economic growth by expanding industries like IT and manufacturing.
- Technological Advancement**  
Innovations improve production efficiency, reduce costs and create new markets.  
**Example:** The industrial Revolution introduced machinery like the steam engine, revolutionizing production processes and spurring massive economic growth in Europe.

Country	Population	Total Area (km <sup>2</sup> )	Calculated Area (km <sup>2</sup> )	Physical Density (people/km <sup>2</sup> )	Population Density (people/km <sup>2</sup> )
India	1,400,000,000	3,287,248	1,500,000	$\frac{1,400,000,000}{3,287,248} = 425,881$	$\frac{1,400,000,000}{1,500,000} = 933,333$
Brazil	214,000,000	8,511,568	547,000	$\frac{214,000,000}{8,511,568} = 25,141$	$\frac{214,000,000}{547,000} = 391,225$
Canada	37,000,000	9,984,670	360,000	$\frac{37,000,000}{9,984,670} = 3,706$	$\frac{37,000,000}{360,000} = 102,778$
Japan	125,000,000	378,930	410,000	$\frac{125,000,000}{378,930} = 329,878$	$\frac{125,000,000}{410,000} = 304,878$
Germany	81,800,000	357,020	118,000	$\frac{81,800,000}{357,020} = 228,840$	$\frac{81,800,000}{118,000} = 693,220$

2. Tariffs are a tax imposed by one country on the goods and services imported from another country to influence it, raise revenues. This is an act in relation to free trade.



Before tariff  
 $Q_{D1}$  - Consumption  
 $P_w$  - Price  
 $Q_{S1}$  - Domestic Production  
 $Q_{I1}$  - Import

After the tariff  
 $S(\text{World})$   
 $S(\text{World}) + \text{Tariff } (T)$   
 $P_w + T = \text{Price}$   
 $Q_{D2}$  - Demand Falls  
 Price Increases  
 $Q_{S2}$  - Domestic Production Increases  
 Revenue  $(T)$   
 $Q_{I2}$  - Foreign Supply

## Market Economy

A market economy is an economic system where the production and distribution of goods and services are determined by supply and demand, with little government control. Businesses and consumers make decisions based on their own interests.

### Advantages

- 1. Efficiency:** Resources are allocated based on demand, leading to more efficient production and distribution of goods.
- 2. Innovation:** Competition encourages businesses to innovate and improve products to attract consumers.
- 3. Consumer Choice:** Consumers have a wide variety of goods and services to choose from, based on their preferences.

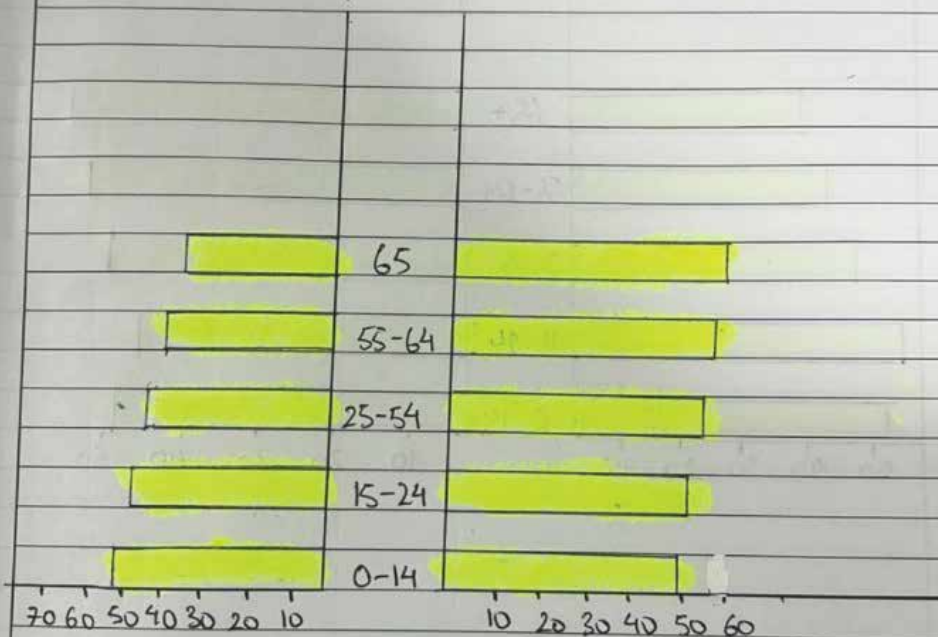
## Population Pyramid

Brazil and Germany

Brazil

Male

Female



### Grade 12 Prepares for Semester 1 Examinations

The students of Grade 12 at CISB are diligently gearing up for their upcoming Semester 1 examinations. With a blend of determination and hard work, they are revising their coursework, practicing problem-solving skills, and seeking guidance from teachers to ensure a thorough understanding of their subjects. Teachers have been conducting revision sessions, clarifying doubts, and providing valuable insights to help students perform their best. The commitment and focus displayed by the students reflect their dedication to achieving academic excellence. We wish them all the very best for their exams!