



# MONTHLY Newsletter

CANADIAN INTERNATIONAL SCHOOL BANGLADESH

Volume 19, Issue 8

April 2025

## Mission

“Through the promotion of academic excellence, CISB strives to develop individual 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”



Our CISB family recently took a memorable trip to Cox's Bazar, where the beach wasn't the only highlight—team bonding, laughter, and unforgettable memories made it an experience to remember!

## Important Dates:

May 1: May Day, school closed

June 5-7: Eid-ul-Adha, school closed







## JUNIOR KINDER- GARTEN



Our curious Junior Kindergarten learners explored the differences between living things—like plants, animals, and people—and non-living things—like toys and rocks. Through stories, songs, outdoor adventures, and a fun “Living or Non-Living?” treasure hunt, they built observation skills and deepened their connection to nature. We wrapped up with a colorful class project showing off their wonderful creativity and learning!





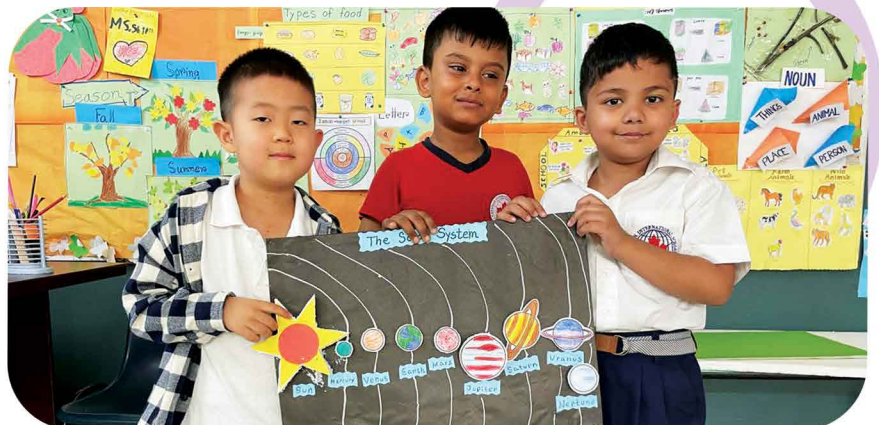
## KINDERGARTEN



Our KG students learned about the water cycle and how it helps water move around our planet.- To bring this concept to life, students created a fun water cycle project using simple materials zipper bag, water and some cut-outs of tree sun, Through hands-on activities, they observed evaporation, condensation, and precipitation.



Our KG Students explored the solar system by creating a colorful model of the planets! Using materials like foam balls, paint, and string and learned about its features. This hands-on project helps us understand the solar system better and sparks our curiosity about space and the wonders of the universe.





## GRADE 1

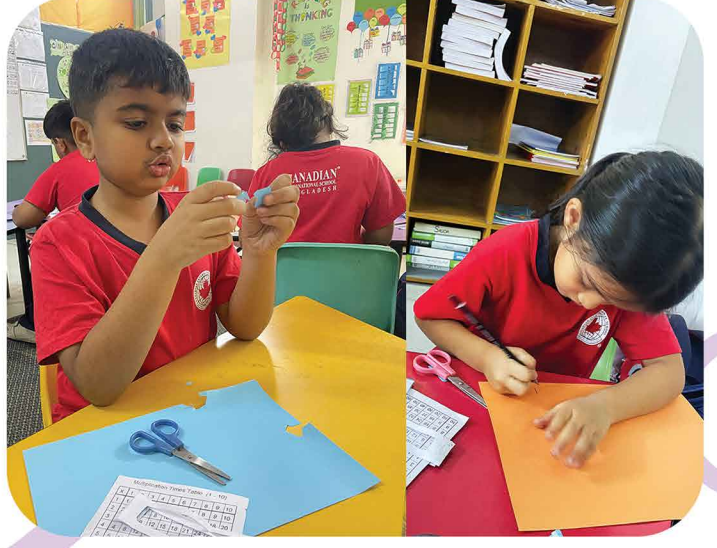
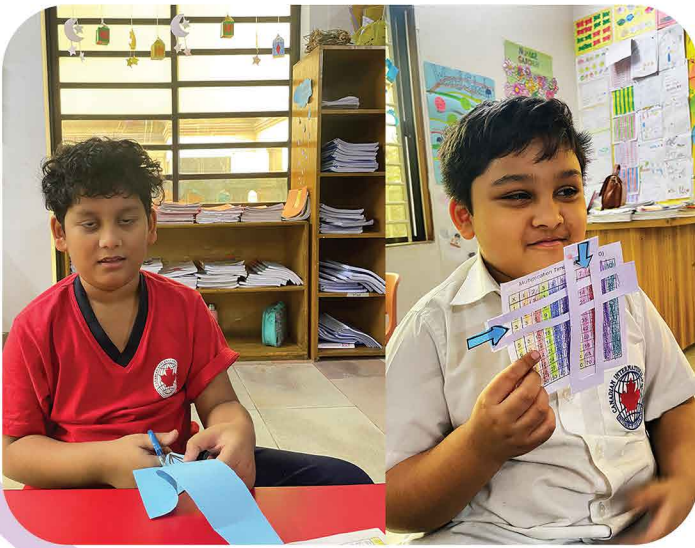


New year, new hope! Let colorful fans be in our hands!" Pohela Boishakh is a time for joy and new beginnings! To celebrate, Grade 1 students made colorful paper fans! They loved this easy and fun activity, and decorated their fans with bright colors and plastic straws. It was a great way to help children with fine motor skills.





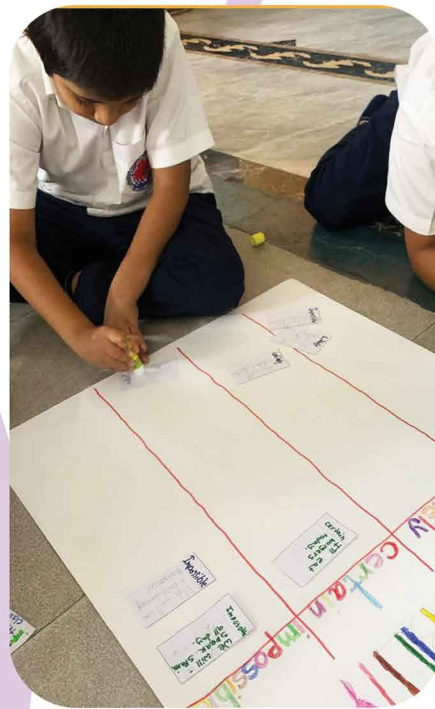
## GRADE 2



Grade 2 worked hard to make a multiplication chart! We learned how to multiply numbers from 1 to 10 and discovered fun patterns along the way. Everyone helped fill in the chart and practiced skip counting. Now we can use our chart to solve math problems faster. Great job, Grade 2!



## GRADE 3

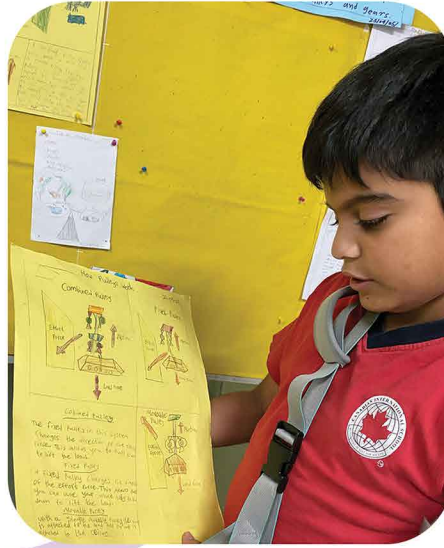
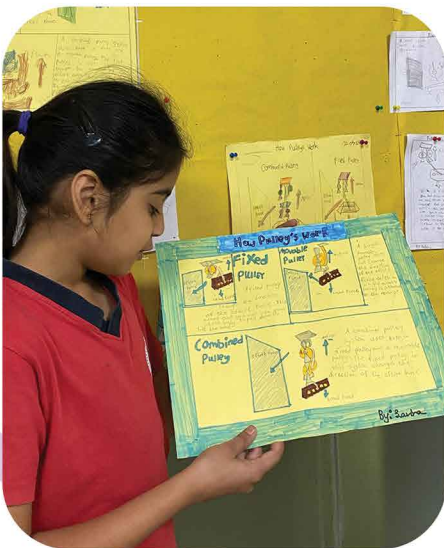


Our Grade 3 students dove into the exciting world of probability! They learned how to describe the likelihood of events using terms like certain, likely, unlikely, and impossible. To bring the concept to life, students created colorful probability charts and participated in hands-on activities using everyday scenarios—like choosing colored marbles from a bag or predicting the weather! These fun and interactive lessons helped students understand how probability is all around us in real life. It was a week full of discovery, discussion, and data!



Our Grade 3 scientists explored the fascinating world of magnets! Through a fun and engaging science experiment, students tested various items—both in and out of water—to see which ones were magnetic and which were non-magnetic. Using magnets, bowls of water, and a variety of objects, they made predictions, tested their ideas, and recorded their observations like real scientists. It was an exciting and hands-on way to learn about how magnets work and which materials respond to them. Curiosity was sparked, and so were some magnets!





Strong presentation skills are essential for effective communication, both in academic and professional settings. They enable individuals to clearly express their ideas, share information, and influence others with confidence and clarity. Mastering the art of presentation helps a speaker to engage the audience, maintain their attention, and deliver a message in a memorable and impactful way.

Developing good presentation skills involves more than just speaking clearly—it requires thoughtful organization of content, appropriate use of visual aids, confident body language, and the ability to adapt to the audience's reactions. When learners regularly practice presenting, they gradually improve their self-confidence and reduce anxiety associated with public speaking. This confidence often translates into stronger leadership qualities, as effective presenters are able to inspire, persuade, and motivate others.



## GRADE 5



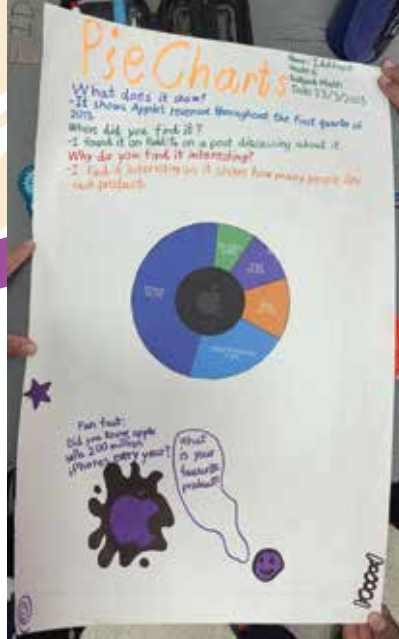
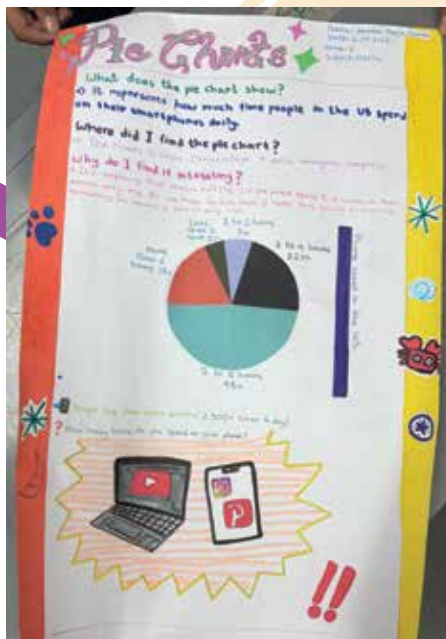
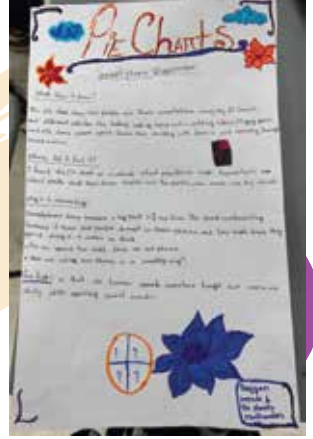
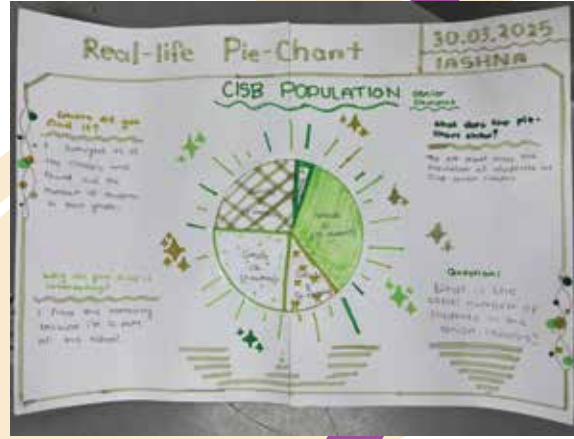
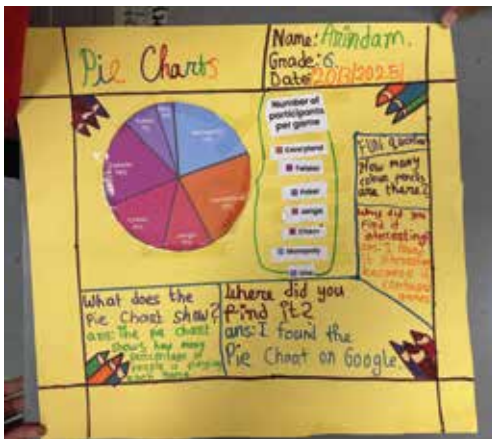
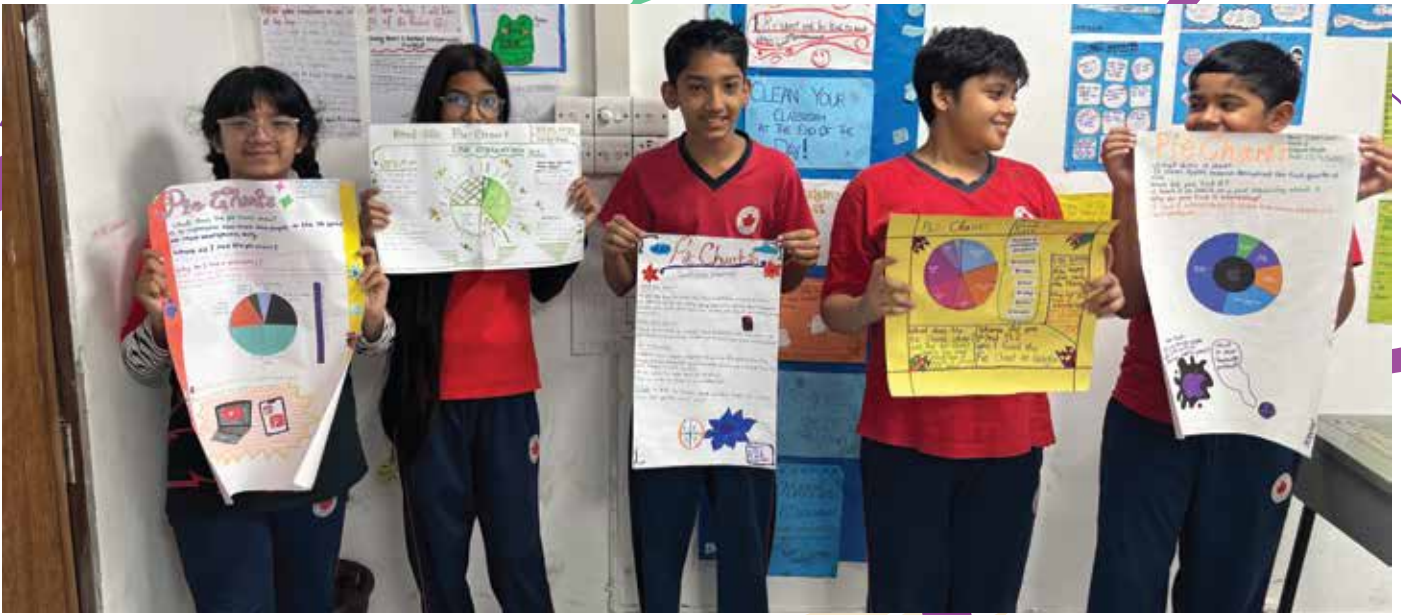
Grade 5 students are studying about the ancient Romans. To demonstrate their understanding of the topic, they are creating a visual wall-display of the important achievements and other relevant facts regarding the ancient Romans.



In our Grade 5 student-centered classroom, every lesson is designed to spark curiosity, foster independence, and create meaningful learning experiences for every student.

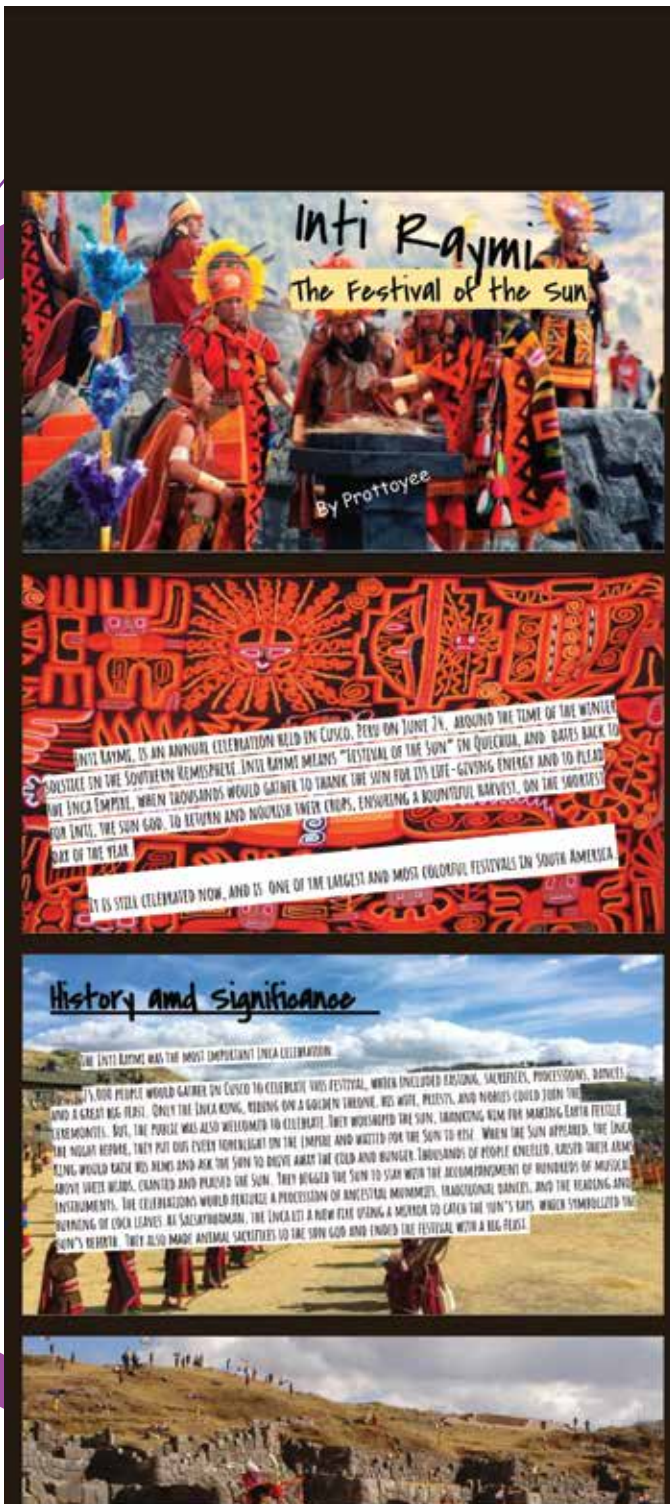


## Grade 6



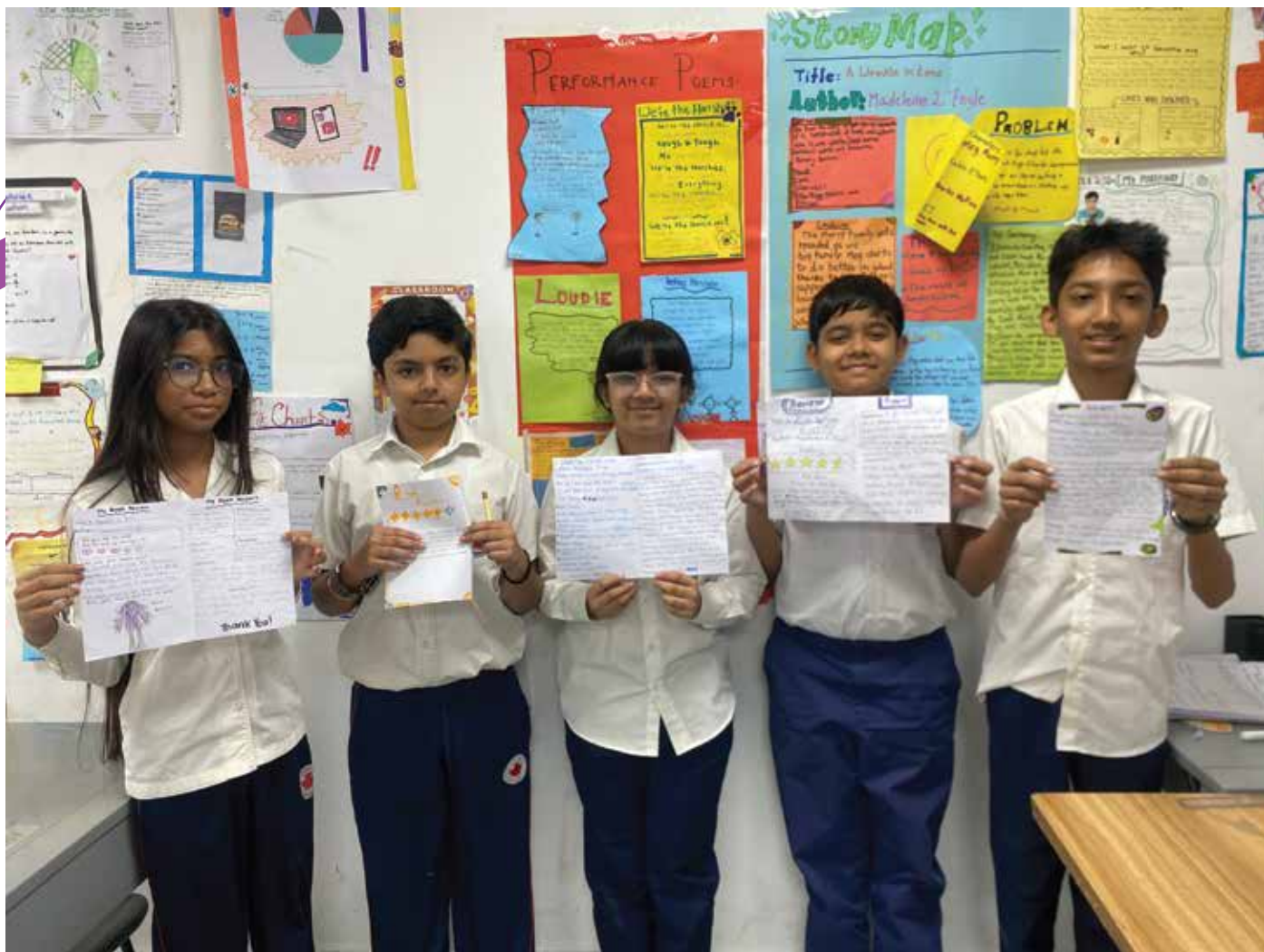
Our Grade 6 students brought data to life with their creative pie chart posters! Each project features a real-life pie chart at the center, surrounded by insightful points explaining what it shows, where it came from, and why it's interesting. With fun facts, doodles, and thought-provoking questions, these posters are as educational as they are fun!





The aim of this project is to explore and celebrate the diversity, culture, and traditions of people across the globe through their unique festivals. From religious celebrations to cultural events and seasonal gatherings, festivals offer a window into the values, history, and lifestyle of different communities.





## Grade 6 - English Flipbook Novel completion

### 1. Book Cover Creation

Objective: To design an attractive and meaningful cover for a book that reflects its theme, genre, and content, and captures readers' attention.

### 2. Book Review

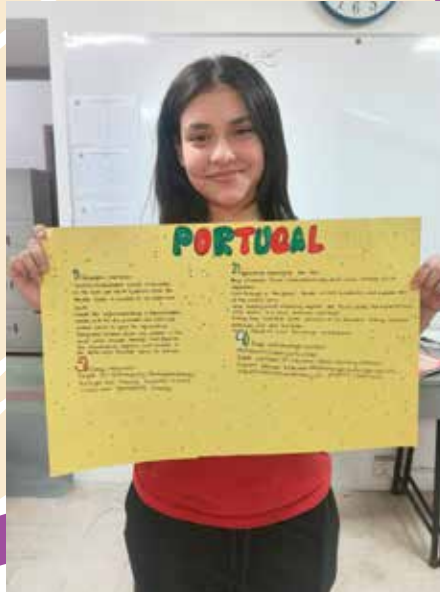
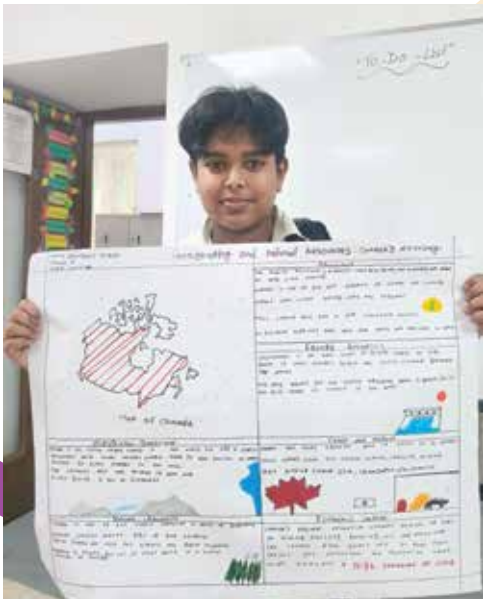
Objective: To provide a critical evaluation of a book, discussing its strengths, weaknesses, themes, characters, and overall impact. The reviewer shares personal opinions and recommends (or not) the book to others.

### 3. Book Report

Objective: To give a detailed summary of a book's content, including the plot, main characters, setting, and important events. Unlike a review, a report is more factual and descriptive, with less personal opinion.



## Grade 8



The project explores how different countries contribute to the global economy through the production of specific goods. It highlights the natural resources, industries, and cultural products that each country is known for and how these goods impact international trade and daily life.







Japanese people during this time period

**NOTICE TO ALL JAPANESE PERSONS AND PERSONS OF JAPANESE RACIAL ORIGIN**

TAKE NOTICE that under Orders Nos. 37, 32, 33 and 34 of the British Columbia Security Commission, the following areas were made proclaimed areas to all persons of the Japanese race:

LULU ISLANDS (including Starvation)	SAPRESTON
SEA ISLANDS	BORQUETLAG
KURINE	PORT MOODY
MAINSIDE	IDIB
DISTRICT OF	PORT COQUITLAM
QUEVEDO	SHILLARDVILLE
CITY OF	FRASER RIVER
NEW WESTMINSTER	

AND FURTHER TAKE NOTICE that any person of the Japanese race found within any of the said proclaimed areas without a written permit from the British Columbia Security Commission or the Royal Canadian Mounted Police shall be liable to the penalties provided under Order in Council P.C. 1443.

AUSTIN C. TAYLOR,  
Chairman,  
British Columbia Security Commission

ANALYST  
FOR  
REDRESS

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OF  
CANADIANS

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TAKE NOTICE that under Orders Nos. 21, 22, 23 and 24 of the British Columbia Security Commission, the following areas were made prohibited areas to all persons of the Japanese race:—

LULU ISLAND  
(Including Strathall)  
SEA ISLAND  
REUBEN  
MARPOLE  
DISTRICT OF  
QUINCYBOROUGH  
CITY OF  
NEW WESTMINSTER

SAPPORITO  
BURQUILMAN  
FORT MOODY  
IDCO  
FORT COQUITLAM  
MILLARVILLE  
FRASER MILLS

AND FURTHER TAKE NOTICE that any person of the Japanese race found within any of the said prohibited areas without a written permit from the British Columbia Security Commission or the Royal Canadian Mounted Police shall be liable to the penalties provided under Order in Council P.C. 1665.

AUSTIN C. TAYLOR,  
Chairman,  
British Columbia Security Commission

They Menace  
*Canada*  
on Both Coasts

Get Ready  
to Buy  
Your  
VICTORY BONDS

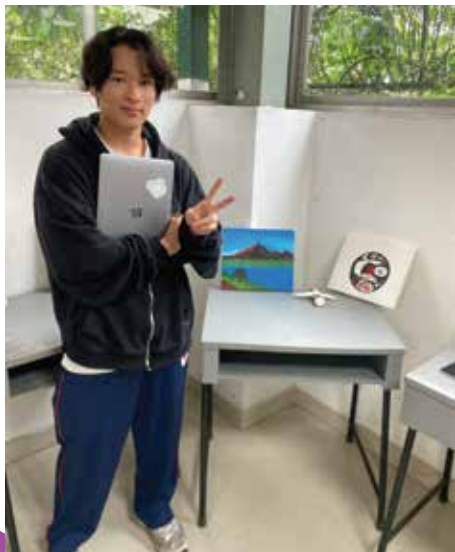
Tamin

NO JAPANESE WANTED

Grade 8 students recently engaged in a thought-provoking and creative collage-making activity based on the poem "*When I Was a Little Girl*". This powerful poem explores the tender innocence of childhood and its painful confrontation with the harsh reality of racism.

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## VA10: Art Exhibition

Objective - To honour and celebrate the rich cultural heritage, traditions, and contemporary voices of Indigenous communities in Canada through visual art. This exhibition seeks to educate audiences about Indigenous histories, storytelling, and symbolism, while fostering respect, understanding, and dialogue between Indigenous and non-Indigenous peoples.

### Weather Forecasting & Satellite Imaging in Canada

**Canada's role:**

- 1. Weather Forecasting**  
Canada has advanced weather forecasting through the Canadian Meteorological Centre, using innovative radar and numerical prediction systems to improve storm tracking and predictions.
- 2. Satellite Imaging**  
The RADARSAT program, starting with RADARSAT-1 in 1994, provides important images of Earth. RADARSAT-2 and the Copernicus Mission (2019) offer clearer and more frequent data for managing disasters and resources.

**Impact of Accurate Weather Forecasting:**

- 1. Safety**  
Accurate weather forecasts help communities prepare for severe weather, such as hurricanes, blizzards, and floods, reducing the risk of injury and property damage.
- 2. Agriculture**  
Farmers rely on weather forecasts to plan planting and harvesting, optimize irrigation, and protect crops from frost or drought.
- 3. Transportation**  
Accurate forecasts help airlines, shipping companies, and trucking firms plan routes, avoid delays, and ensure the safety of passengers and cargo.
- 4. Disaster Preparedness**  
Weather forecasts are crucial for identifying areas at risk of wildfires, landslides, and other natural disasters, allowing for timely evacuations and resource allocation.

## Society's Responses: Risks, Benefits, and Limitations:

### 1. Risks

Over-reliance on weather forecasts can lead to complacency. If forecasts are inaccurate, it may cause people to underestimate dangers like storms or heatwaves, potentially leading to harm or loss. Additionally, people may ignore long-term trends or dismiss warnings altogether if they don't seem immediately relevant.

### 2. Benefits

Accurate forecasts allow for better preparedness, saving lives and reducing damage during extreme weather. Communities can plan evacuations, businesses can avoid weather-related disruptions, and individuals can protect their property and health. The benefits extend to various sectors, including agriculture and transportation, where forecasts help optimize planning and reduce risks.

### 3. Limitations

While weather forecasting has improved, it's still not perfect. Some forecasts, especially for extreme events like hurricanes or tornadoes, can be unpredictable or imprecise. Society may also face limitations in access to technology or resources, which can prevent the timely dissemination of weather information to vulnerable populations. Additionally, long-term forecasting remains challenging, especially regarding climate change impacts.



# WEATHER FORECASTING AND SATELLITE IMAGING IN CANADA

## 01 CANADIAN CONTRIBUTIONS

Canada has made significant contributions to weather forecasting and satellite imaging technology. Key contributions include:

- RADARSAT-1 and RADARSAT-2:** Canada's first and second generation of Earth-observing satellites, providing valuable data for weather forecasting and environmental monitoring.
- The Canadian Meteorological Centre (CMC):** The CMC is known for its accurate weather forecasts, which are used by many countries around the world.
- The Meteorological Service of Canada (MSC):** The MSC has been forecasting weather since 1871, evolving with technology.

## 02 IMPACT OF ACCURATE WEATHER FORECASTING

Accurate weather forecasting has a significant impact on many aspects of our lives, including:

- Public Safety:** Accurate forecasts help emergency services prepare for severe weather events, such as hurricanes and floods.
- Agriculture:** Farmers rely on accurate forecasts to make decisions about planting and harvesting crops.
- Transportation:** Accurate forecasts help airlines and shipping companies plan routes and schedules.

## 03 SOCIETY'S RESPONSES

Society's responses to weather forecasting and satellite imaging include:

- Investment in Technology:** Governments and private companies invest in research and development to improve forecasting accuracy.
- Public Awareness:** Media and educational institutions promote the importance of weather forecasting and satellite imaging.
- Policy Development:** Governments develop policies to ensure the effective use of weather forecasting and satellite imaging data.

# WEATHER FORECASTING & SATELLITE IMAGING IN CANADA

## CANADIAN CONTRIBUTIONS

- Canada has played a major role in weather forecasting through organizations like Environment and Climate Change Canada (ECCC).
- The RADARSAT program, launched by the Canadian Space Agency (CSA), provides satellite images for weather monitoring and disaster response.
- The Meteorological Service of Canada (MSC) has been forecasting weather since 1871, evolving with technology.

**Real-World Example:** The RADARSAT-2 satellite, launched in 2001, helps monitor severe storms, floods, and climate patterns.

## IMPACT OF ACCURATE WEATHER FORECASTING

- Helps people plan daily activities (e.g., avoiding storms, dressing appropriately).
- Prevents weather-related disasters through early warnings (e.g., hurricanes and flood alerts).
- Contributes to global climate studies and disaster management.

**Real-World Example:** The Ice Storm of 1998 in Eastern Canada - early forecasts helped authorities issue evacuation warnings.

## SOCIETY'S RESPONSES

- Forecasts are sometimes inaccurate, leading to unnecessary evacuations or missed warnings.

# Weather Forecasting & Satellite Imaging

## 1. Canadian Contributions

Canada's RADARSAT satellites help track Arctic ice and environmental changes, providing valuable data for weather forecasting.

**The Canadian Meteorological Centre (CMC):** The CMC is known for its accurate weather forecasts, which are used by many countries around the world.

## 2. Impact of Accurate Weather Forecasting

**Saving Lives:** Accurate weather forecasts help people prepare for severe storms and evacuate when necessary. Example: In 2013, Canadian satellites tracked Hurricane Bertha, which helped save lives in Atlantic Canada.

**Helping Farmers:** Weather forecasting allows farmers to make better decisions about planting and protecting crops. Example: In 2019, weather data helped Canadian farmers adjust irrigation during a drought.

## 3. Society's Responses

**Risks, Benefits, and Limitations of How Society Reacts to Weather Forecasts:**

Weather forecasts offer clear benefits, such as helping society prepare for extreme weather, reducing risks, and informing decisions. However, relying too heavily on these predictions can be risky, as they are not always 100% accurate. For example, winter storms in Canada can still catch people off guard, even with advanced technology, as forecasts can change unexpectedly.

# CANADIAN CONTRIBUTIONS TO WEATHER FORECASTING & SATELLITE IMAGING

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## 3. SOCIETY'S RESPONSES TO WEATHER FORECASTS

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# WEATHER FORECASTING & SATELLITE IMAGING IN CANADA

## Canadian Contributions to Weather Forecasting & Satellite Imaging

**RADARSAT and Satellite**

- Canada operates a satellite like RADARSAT to observe climate change and weather patterns.

**Meteorological research**

- The Meteorological research of Canada (MSC) is responsible of the weather forecasting in Canada.

**Example:** RADARSAT-2 helps track a hurricane and arctic ice changes, improving the research on climate change.

## Impact of Accurate Weather Forecasting

Individuals, helps individuals in daily life and sometimes prepare for a severe weather.

**Communities:** Prevents a disaster, protects and protect the communities.

**Global effects:** It supports the agriculture and environment, and prevents disaster worldwide.

## Society's Responses to Weather Forecasting

**Risks:** Social media can spread misinformation and cause confusion.

**Benefits:** Saves the society by warning of severe weather.

**Limitations:** Weathers are not 100% accurate, and help the society make a decision such as to the Farmers, Pilots, and citizens.

# Weather Forecasting & Satellite Imaging in Canada

## Canada's Role in Weather Forecasting and Satellite Imaging

Canada has made significant contributions to weather forecasting and satellite imaging technology. Key contributions include:

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# Weather Forecasting & Satellite Imaging in Canada

## Humble Beginnings

In 1871, Canada established its first national weather service, marking the start of organized meteorological observations.

By 1874, daily weather reports reached Marquette and present-day Saskatchewan and Alberta; by 1880, southern British Columbia; and by 1905, Newfoundland and Labrador.

## Advancements in Satellite Imaging

Canada has significantly advanced weather forecasting and satellite imaging through its RADARSAT program. Launched in 1995, RADARSAT-1 was Canada's first Earth-observing satellite, followed by RADARSAT-2 in 2001, which offered improved imaging capabilities. In 2019, the RADARSAT Constellation Mission (RCM) introduced three satellites, providing daily coverage of Canada's vast territories and supporting maritime surveillance, disaster management, and ecosystem monitoring.

## Benefits

Accurate weather forecasting has substantial economic benefits. Studies indicate that improving forecast accuracy by 50% could save approximately 2,000 lives annually, with the public willing to invest \$102 billion over the century for such enhancements. Additionally, weather-sensitive sectors like agriculture, energy, and transport could benefit by over \$100 billion per year from advancements in forecasting capabilities.

# Statistics

Society's reliance on precise weather forecasts is evident. Businesses leveraging weather intelligence have seen revenue boosts up to 10% and significant operational cost reductions. However, challenges remain, as achieving 100% forecast accuracy is complex due to atmospheric variability.

## Summary

In summary, Canada's contributions through the RADARSAT program have been pivotal in enhancing weather forecasting and satellite imaging, yielding significant benefits for individuals, communities, and various industries.



## Grade 10 Poster Showcase: Weather Forecasting & Satellite Imaging in Canada.

Check out the amazing posters our Grade 10 students created! Each one highlights Canada's vital role in advancing weather forecasting and satellite imaging, explores the real-world impacts of accurate forecasts, and dives into how society responds to weather information.



The Grade 10 students learned how different ecosystems function by exploring the roles of biotic and abiotic factors in maintaining balance. They also developed an understanding of the various threats ecosystems face and discussed practical solutions to help protect and preserve them.



## Differences:

### Inductive reasoning VS Deductive reasoning

Aspect	Inductive Reasoning	Deductive Reasoning
How It Works	You start with specific examples or observations and make a general guess.	You begin with general rules or facts and use them to reach a specific conclusion.
Direction of Thought	Goes from specific to general.	Goes from general to specific.
Role in Conjectures	Helps you come up with ideas for conjectures based on patterns you see.	Helps prove or disprove conjectures by applying known rules.
How Certain is it?	Your conclusions are likely but not guaranteed; they can be wrong if you find a counterexample.	Your conclusions are certain if your starting facts are true.
What It's Based On	Observations, examples, and patterns.	Established facts, rules, and logical principles.
Examples in Math	Noticing that a formula seems to always produce prime numbers for small inputs and guessing it always does.	Using geometry rules to prove that the sum of angles in a triangle is always 180 degrees.
Reliability in Math	Good for coming up with ideas but not reliable for proving them.	Essential for proving or disproving conjectures with certainty.

## COMMON MISTAKE IN REASONING

In deductive reasoning:

-Faulty premises:

Deductive reasoning relies on true premises. If the premises are incorrect, the conclusion will also be false. For example, if one assumes "all sets of  $n$  numbers are equal," the proof fails because the premise itself is false.

In deductive reasoning: Ignoring counter examples

A single counterexample can disprove an inductive conjecture, but failing to test enough cases can lead to errors. For instance, assuming "all multiples of 7 are odd" based on a few examples ignores even multiples like 14.



# LEARNING OBJECTIVE




- \* Inductive reasoning
- \* Deductive reasoning
- \* Comparison
- \* Real life problems

## Inductive reasoning

**NOTE**

Example:

- $1+3=4,$
- $3+5=8,$
- $5+7=12$



- Inductive reasoning in mathematics is a logical process where specific observations or examples are used to form general conclusions or conjectures.
- It starts small, examining particular cases, and then builds up to broader generalizations.
- However, these conclusions are not guaranteed to be true in all cases—they are likely but not certain.

### Grade 11 Logic in Action: Inductive vs. Deductive Reasoning

Our Grade 11 students showcased their critical thinking skills through creative presentations on "Inductive vs. Deductive Reasoning: How We Solve Problems." Each student crafted engaging slides and recorded thoughtful explanations comparing the two types of reasoning, highlighting common logical mistakes, and even including fun puzzles to challenge the mind!