Project Title: Disaster Management

Today's schools have to prepare themselves for any kind of emergency. An integral part of that preparation is to make students aware of their role in case of such emergencies like an incident of fire, an earthquake and so on. This project will focus on this issue of students learning to execute certain actions in times of such crisis.

Students will prepare and present a skit on Disaster Management, in a group of 5-6

Word limit- 500 Words

Dialogues must be written neatly with additional details if any.

No of characters- 5

Duration of skit- Not more than 5-7 mins.

Medium- English

INTEGRATED WITH: Art

Learning Objectives: Students will learn their role in times of a crisis. They will be better equipped to deal with such situations, in and outside the school.

Learning Outcomes: Students will be able to learn life skill. Students will develop a collaborative approach and learn to work as a team and value time. Students will learn to appreciate each other's emotions and feelings.

Marks Distribution

Content- 5

Presentation 5

Creativity 5

Team work 5

PARAMETERS	1	2	3	4	5
INNOVATIVE PRACTICES /CREATIVITY (5)	The students have developed innovative practices, but all of those have not been employed for conducting activities on life skills development.	The students have planned and conducted innovative activities focused on life skill development, but not on the sensitive issues involving the concerns of this age group	The students have planned and conducted innovative activities focused on life skill development as well as sensitive concern of this age group.	The innovative practices have been developed and employed in activities for teachers and parents besides students.	The students have been organising innovative activities focused on critical as well as sensitive concerns which are monitored.
CONTENT- ACCURACY AND ORIGINALITY (5)	. The content is confusing and relevant information is missing	Some of the content is correct. The sequence is not followed. There are more than 3 factual errors.	Most of the content is correct. There are two factual errors.	Most of the content is correct. There is one factual error.	The data / facts presented are accurate .
TEAM WORK (5)	Students are not prepared. There is no teamwork visible in the presentation	Few students are prepared. Team members do not seem to co-operate.	Students are fairly prepared. All the members have contributed, exhibiting fairly good teamwork.	Students are well prepared. All the members have contributed, exhibiting good teamwork.	Flawless presentation; the message conveyed with good teamwork
OVER ALL ORESENTATION (5)	Little or no attempt has been made to make the presentation appealing to the viewers. Presentation does not include any relevant data/ photographs to explain and reinforce the theme	Some attempt has been made to make the presentation appealing to the viewers. Presentation includes very few relevant data/ photographs to explain and reinforce the theme	Overall impact of the play is quite appealing to the viewers. Presentation includes some relevant data/ photographs to explain and reinforce the theme	Overall impact of the play is effective and appealing to the viewers. Presentation includes most relevant data/ photographs to explain and reinforce the theme	The play was very well-researched and presented, to almost near-perfection. Presentation includes all relevant data/ photographs to explain and reinforce the theme.

विषय- आपदा प्रबंधन

विश्व भर में छोटी और बड़ी आपदाएँ आती रहती हैं। भारत को विश्व के सर्वाधिक आपदा संभावित देशों में से एक समझा जाता है। आज़ादी के 75वें साल में हमारे देश में आपदा प्रबंधन के निरंतर विकास के लिए वैज्ञानिक और तकनीकी क्षमताओं का भरपूर उपयोग किया जा रहा है। आपदा प्रबंधन की आवश्यकता एवं इसके मूल उद्देश्य का सचित्र उल्लेख करते हुए एक सचित्र पत्रिका बनाएँ जिसमें उन कारणों पर भी प्रकाश डालिए जिनके कारण पिछले कुछ दशकों में आपदाओं की आवृत्ति और तीव्रता में वृद्धि हुई है। आपदा प्रबंधन के विकास के लिए अपनाए गए किन्हीं दो अत्याधुनिक उपायों का भी समावेश इस पत्रिका में करें।

Learning Objective
- आपदा प्रबंधन की आवश्यकता एवं उसके मूल उद्देश्य से अवगत कराना।
- समसामयिक विषयों के प्रति सजगता का विकास।
- सृजनात्मकता का विकास।
- स्थितियों की परख तथा उपयुक्त भाषा-कौशल का विकास।

Learning Outcomes
- समसामयिक विषयों के प्रति जानकार हुए।
- आपदा प्रबंधन की आवश्यकता एवं उसके मूल उद्देश्य से परिचित हुए।
- आपदा प्रबंधन में अपनाए गए अत्याधुनिक उपायों से परिचित हुए।
- स्थितियों की परख तथा उपयुक्त भाषा-कौशल का विकास हुआ।

Marks distribution (अंक विभाजन):

विषय वस्तु की प्रभावी एवं सृजनात्मक अभिव्यक्ति   (4)
लिखित प्रस्तुति (4)
तकनीक एवं इंटरनेट संसाधनों का रचनात्मक उपयोग, विषयानुरूप चित्र संकलन (4)
भाषा की उपयुक्तता   (भाषा प्रयोग) (4)
समग्र प्रस्तुति (4)
कुल अंक   - 20

RUBRICS FOR CLASS – IX (HINDI 2ND LANGUAGE)

मानदंड	4	3	2	1
विषय वस्तु की प्रभावी एवं सृजनात्मक अभिव्यक्ति (4)	विषय सामग्री से जुड़े तथ्य प्रयुक्त लेखों में सटीक एवं विषयानुरूप है।	एक या दो तथ्यात्मक त्रुटियों के अलावा अधिकांश तथ्य सही एवं विषयानुरूप है।	कुछ तथ्य विषयानुरूप है पर तीन से अधिक त्रुटियाँ पाई गई है।	प्रयुक्त लेखों में विषय सामग्री स्पष्ट नहीं है।
लिखित प्रस्तुति (4)	अच्छे ढंग की तैयारी,टीम के सदस्यों का समन्वय सराहनीय,प्रस्तुतिकरण स्पष्ट एवं प्रभावी	पर्याप्त तैयारी,टीम के सदस्यों का परस्पर सहयोग देखा गया। प्रस्तुति के दौरान स्पष्टता पाई गई पर प्रभावी नहीं हो पाई।	कुछ विद्यार्थी ही लेखन कार्य में सहयोग देने के लिए तैयार, टीम के सदस्यों में परस्पर सहयोग का अभाव देखा गया। लिखित अभिव्यक्ति में आत्मविश्वास की कमी पाई गई।	छात्र तैयार नहीं ,टीम वर्क का अभाव एवं लिखित प्रस्तुति अस्पष्ट एवं विषयानुरूप नहीं।
तकनीक एवं इंटरनेट संसाधनों का रचनात्मक उपयोग, विषयानुरूप चित्र संकलन (4)	परियोजना के विषय की प्रभावी अभिव्यक्ति के लिए इंटरनेट से संकलित तथ्यों एवं तस्वीरों का अच्छा उपयोग ।	परियोजना के विषय की अभिव्यक्ति के लिए इंटरनेट से संकलित तथ्यों एवं तस्वीरों का कुछ उपयोग ।	इंटरनेट से संकलित तथ्यों एवं तस्वीरों, का उपयोग कम होने के कारण विषय की अभिव्यक्ति स्पष्ट तौर पर नहीं हो पाई।	इंटरनेट से संकलित तथ्यों एवं तस्वीरों का उपयोग नहीं होने के कारण विषयानुरूप अभिव्यक्ति नहीं हो पाई।
भाषा की उपयुक्तत (भाषा प्रयोग) (4)	प्रस्तुतीकरण में वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी त्रुटियों का न होना। सहज एवं बोधगम्य भाषा का उपयुक्त प्रयोग	प्रस्तुतीकरण में वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी कुछ त्रुटियों का ही होना। विषय की सहज अभिव्यक्ति।	वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी त्रुटियों के कारण भाषा की उपयुक्तता का अभाव पाया जाना।	वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी अत्यधिक त्रुटियों के कारण विषयानुरूप भाषा का प्रयोग न हो पाना ।
समग्र प्रस्तुति (4)	परियोजना का समग्र प्रभाव दर्शकों के लिए रोचक और आकर्षक	परियोजना का समग्र प्रभाव दर्शकों का ध्यान आकर्षण करने के लिए पर्याप्त।	परियोजना की समग्र प्रस्तुति को आकर्षक बनाने के लिए कुछ प्रयास किया गया।	समग्र प्रस्तुति को रोचक बनाने के लिए विद्यार्थियों ने किसी प्रकार का प्रयास नहीं किया।

LAKSHMIPAT SINGHANIA ACADEMY

TERM II PROJECT (2022-2023)

CLASS IX

SUBJECT: SCIENCE

FULL MARKS :20

TOPIC- Disaster management

BIOLOGY

Biological Warfare (BW), also known as germ warfare is the use of biological toxins or infectious agents such as bacteria, viruses, and fungi with the intent to kill or incapacitate humans, animals or plants as an act of war. Biological weapons (often termed "bio-weapons", "biological threat agents", or "bio-agents") are living organisms or replicating entities (viruses, which are not universally considered "alive") that reproduce or replicate within their host victims.

1. How is biological warfare different from bioterrorism?   1M

2. Why is biological warfare an emerging threat in 21st century?   1M

3. What are the ethical challenges in Bio-defence?   1M

4. Make a poster to show the measures to combat bio

   Terrorism/bio warfare   3M

5. Synthetic biology emerged as a new field of biotechnology in the early

   2000s because of the convergence of biology and engineering principles.

   'The capability to create and design living organisms lead to serious

   Ethical problems'

   Prepare a debate in for and against the motion   2M

Support all answers with relevant pictures

LEARNING OUTCOME-In the midst of technological development and its side effects students will learn to orient their thoughts in the right direction to analyse how to use our hands to utilize the technical development.

CHEMISTRY

CARBON AND THE SILENT PANDEMIC

LEARNING OBJECTIVES:

Students will explore carbon cycle, biodiversity and species interrelationships and different interesting concepts about the natural world.

It is not the planet which needs saving.

Earth has been there for billions of years. But whether the human species will continue to exist or not is the question. This is what we call the **silent pandemic**.

Only 3% of overall emission of carbon is by human activity while remaining is natural, which gets recycled. But this 3% have profound impact on our existence as it goes on adding to the overall C present.

The carbon cycle plays a key role in regulating Earth's global temperature and climate by **controlling the amount of carbon dioxide in the atmosphere**. The greenhouse effect itself is a naturally occurring phenomenon that makes Earth warm enough for life to exist.

The project will be done on a chart paper. Divide the chart paper into 3 parts and perform the following activities.

1. On one part answer the given questions with relevant pictures.
a) What is permafrost? What effect does melting of permafrost have on the amount of methane and greenhouse effect?
b) What are phytoplankton? Why are they so important?   (1+1M)

2. On the second part, prepare a poster/banner on the effects of heat trapping by greenhouse gases and climate change and some ways by which it can be prevented. You can use newspaper cuttings from recent headlines from different parts of the world which are a result of climate change (untimely floods, intense summer heat, forest fires, etc)   (2M)

3. On the third part design a carbon cycle for the year 2050 imagining carbon emission has been drastically reduced   (2M)

    Go through the following links:
- https://youtu.be/9-7ibLlsgDU
- https://en.wikipedia.org/wiki/Arctic_methane_emissions
- https://therevelator.org/phytoplankton-climate-change/
- https://climate.mit.edu/explainers/phytoplankton

Learning Outcomes:

Students will learn about carbon cycle, biodiversity and species interrelationships and different interesting concepts about the natural world.

PHYSICS

To overcome Silent Pandemic, to cut down the emission of greenhouse gases like carbon di oxide, carbon mono oxide, we, humans are now shifting from conventional fossil fuels to unconventional renewable sources of energy. Nuclear fuel is one of major alternative. But that can also lead to a catastrophic man made or natural disaster.

Learning Objective: Students to know about the advantages and disadvantages of using Nuclear Energy

Prepare the project either on a half chart paper or in a channel file in groups assigned.

1. Nuclear energy is extracted through nuclear fission. Define nuclear fission with the equation for it.

   Draw a schematic diagram for a nuclear power plant.   (2M)
2. i.   What are the main causes of nuclear hazards?

   ii.   What are the effects of nuclear disaster?

   iii.   State the probable steps can be taken to prevent nuclear disaster.

             (3M)
3. Is nuclear fuel a viable alternative of fossil fuel?   (1M)

https://world-nuclear.org/information-library/current-and-

future-generation/the-nuclear-debate.aspx

https://en.wikipedia.org › wiki › Nuclear_power

Learning Outcome: Students to know about the advantages and disadvantages of using Nuclear Energy

Evaluation Rubrics: PHYSICS AND CHEMISTRY

	3	2	1
Authenticity of the contents (3)	Content is Unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained
Submission demonstrates a concise knowledge and understanding of the theme (3)	The submission addresses the requirement in meaningful and relevant way. The information is concise and accurate	The submission addresses the requirement . The information is presented accurately and in a concise manner	The submission somewhat addresses the requirement, but not in a cohesive or concise manner
Use of Technology and media (3)	Accesses suggested media and employed technologies fluently	Accesses suggested media and employed technologies adequately with support	Struggled with media and technologies. Struggled with teacher-provide strategies and resources
Creativity and Art Integration (3)	The concept in submission is creative, especially as compared with other submissions	The concept in the submission is somewhat creative	The concepts in the submission lacks creativity

BIOLOGY

	1	0.75	0.25
Authenticity of the contents (2)	Content is Unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained
Submission demonstrates a concise knowledge and understanding of the theme (2)	The submission addresses the requirement in meaningful and relevant way. The information is concise and accurate	The submission addresses the requirement. The information is presented accurately and in a concise manner	The submission somewhat addresses the requirement, but not in a cohesive or concise manner
Use of Technology and media (2)	Accesses suggested media and employed technologies fluently	Accesses suggested media and employed technologies adequately with support	Struggled with media and technologies. Struggled with teacher-provide strategies and resources
Creativity and Art Integration (2)	The concept in submission is creative, especially as compared with other submissions	The concept in the submission is somewhat creative	The concepts in the submission lacks creativity

LAKSHMIPAT SINGHANIA ACADEMY

TERM II PROJECT (2022-2023)

CLASS IX

SUBJECT: GEOGRAPHY

FULL MARKS :10

TOPIC: DISASTER MANAGEMENT

……………………………………………………………………………

Disaster, as defined by the United Nations, is a serious disruption of the functioning of a community or society, which involve widespread human, material, economic or environmental impacts that exceed the ability of the affected community or society to cope using its own resources. Disaster management is how we deal with the human, material, economic or environmental impacts of said disaster, it is the process of how we "prepare for, respond to and learn from the effects of major failures." Though often caused by nature, disasters can have human origins. According to the **International Federation of Red Cross & Red Crescent Societies** a disaster occurs when a hazard impacts on vulnerable people. The combination of hazards, vulnerability, and inability to reduce the potential negative consequences of risk results in disaster.

GROUP 1: a) Natural Disaster: Tsunami   **b) Man-made Disaster:** Cyber Attack

GROUP 2: a) Natural Disaster: Flood   **b) Man-made Disaster:** Terrorism

GROUP 3: a) Natural Disaster: Cyclone   **b) Man-made Disaster:** Civil Disorder

GROUP 4: a) Natural Disaster: Earthquake   **b) Man-made Disaster:** Chemical Disaster

GROUP 5: a) Natural Disaster: Volcano   **b) Man-made Disaster:** Human Trafficking

GROUP 6: a) Natural Disaster: Avalanche   **b) Man-made Disaster:** Biological War

GROUP 7: <mark>If the section has 7th group, they will repeat the topic of Group 1</mark>.

TASKS TO BE DONE:

- Introduction to the topic
- Effects of disaster management
- Mitigation and management

PROJECT FORMAT:

- ✓ Full size Chart Paper.(White)
- ✓ Support it with relevant pictures.

MARKS DISTRIBUTION:

- ✓ Content – 3 marks.
- ✓ Presentation – 3 marks.
- ✓ Relevance to the topic – 2 marks.
- ✓ Team Work – 2 marks.

LEARNING OBJECTIVE: The learning objectives include –

- ✓ To increase the knowledge and understanding of the disaster phenomenon, its different contextual aspects, impacts and public health consequences.
- ✓ To increase the knowledge and understanding of the International Strategy for Disaster Reduction.
- ✓ To ensure skills and abilities to analyse potential effects of disasters and of the strategies and methods to deliver public health response to avert these effects.
- ✓ To ensure skills and ability to design, implement and evaluate research on disasters.

LEARNING OUTCOME: The learning outcome will include –

- ✓ Capacity to integrate knowledge and to analyse, evaluate and manage the different public health aspects of disaster events at a local and global levels, even when limited information is available.
- ✓ Capacity to describe, analyse and evaluate the environmental, social, cultural, economic, legal, and organisational aspects influencing vulnerabilities and capacities to face disasters.

- ✓ Capacity to work theoretically and practically in the processes of disaster management (disaster risk reduction, response, and recovery) and relate their interconnections, particularly in the field of the Public Health aspects of the disasters.
- ✓

SUBJECT INTEGRAGION

- Life Skill
- Political Science
- Science
- Economics
- Mathematics

LINKS *(for reference)*:

https://en.wikipedia.org/wiki/Tsunami

https://www.earthnetworks.com/flooding/

https://en.wikipedia.org/wiki/Cyclone

https://kids.nationalgeographic.com/science/article/earthquake

https://en.wikipedia.org/wiki/Volcano

https://education.nationalgeographic.org/resource/avalanche

https://www.checkpoint.com/cyber-hub/cyber-security/what-is-cyber-attack/

https://en.wikipedia.org/wiki/Terrorism

https://www.unodc.org/unodc/en/human-trafficking/human-trafficking.html#:~:text=Human%20Trafficking%20is%20the%20recruitment,every%20region%20of%20the%20world.

https://en.wikipedia.org/wiki/Civil_disorder

https://vikaspedia.in/social-welfare/disaster-management-1/man-made-disasters/chemical-disaster

https://dgfscdhg.gov.in/biological-disaster

Rubrics for Evaluation

Session: 2022-2023 (Term 2)

Subject: Geography

Class: 9

	3	2	1
Content (3)	Applicable to Theoretical knowledge and all facts are correct.	Applicable to Theoretical knowledge and all facts are correct. One or two factual errors.	Applicable to theoretical knowledge and all facts are not at all relevant to the topic.
Presentation (3)	Overall impact of the project is attractive and appealing to the viewers. Students are well prepared. Teamwork is visible. Project is compiled up to the mark.	Overall impact of the project is quite appealing to the viewers. Students are well prepared. Teamwork is visible. Project is fairly compiled.	Some attempt has been made to make the presentation appealing to the viewers. Students are well prepared. Teamwork is not visible. Project is not compiled up to the mark.
Graphics/Photographs/Charts/Relevance to the topic (2)	−	Presentation includes relevant photographs/ charts/ diagrams.	Graphics & Chart are not clear. They are irrelevant to the topic.
Team Work (2)	−	Independent research work and collaboration.	Independent research work missing and lack of collaboration.

LAKSHMIPAT SINGHANIA ACADEMY

TERM II PROJECT (2022-2023)

CLASS IX

SUBJECT: ECONOMICS

FULL MARKS :10

PROJECT   ON : VULNERABILITY AND DISASTER MANAGEMENT

The Vulnerability perspective in disaster which is rapidly emerging as a dominant

view today. We assume that a real disaster occurs when it strikes an underprivileged population.

Learning objectives: The aim of the study is to perform a systematic review related to rehabilitation, Government intervention with policies , human rights and community outreach in emergencies and disasters.

METHOD :

A) PROJECT should focus on learning key words RELATED to disaster management and vulnerability and they should be underlined(according to CBSE GUIDELINES for Projects)

 B) Project is a group work of 6 to7 members and each group will

 focus on VULNERABILITY= EXPOSURE, RESISTANCE AND

 RESILIENCE

C) Project must be done in a shoe -lace file .presented with a copy of question paper, rubrics, index, map wherever applicable, bibliography and names of the members in the group.

D) GROUPS   must   work on the guidelines given below

1) Give a systematic review of Rehabilitation of vulnerable groups during different disasters   Which took place in INDIA   (3 EXAMPLES) to support your review

2) As Social protection is one the fundamental instrument in addressing POVERTY IN INDIA

What are the human rights challenges faced by victims of disasters?

3) Highlight the purpose of National Policy guidelines on vulnerable groups in Disaster

4) The National Center for Disaster Preparedness places a high priority on community outreach- How will Your group as SOCIAL WORKERS plan and design a DISASTER RELIEF in your area.

RUBRICS TO BE FOLLOWED WHILE ASSESSING THE PROJECT

1.Accuracy of Content (2.5)	The information delivered is correct, updated and well explained **[2.5]**	The information delivered is correct, updated but briefly explained **[1.5]**	The information delivered is correct but not updated and explained properly **[1]**
2.Alignment with the theme/Problem chosen (2.5)	Shows clarity and capability of understanding the theme/problem **[2.5]**	Shows partial clarity and capability of understanding the theme **[1.5]**	Shows little capability of understanding the problem and there is scope for improvement **[1]**
3.Creative and Art Integrated Activity (2.5)	Innovative, well organised presented activity **[2.5]**	No innovation but well organised (Compared to other submissions) presented activity **[1.5]**	Only written presentation **[1]**
4.Teamwork (2.5)	Good coordination among team members and contribution of each member clearly specified **[2.5]**	Teamwork is fair and contribution of each member specified **[1.5]**	Teamwork is inadequate and contribution is not specified **[1]**

LEARNING OUTCOME: Analyse the impact of disaster on vulnerable groups and students will learn the preparedness strategies for vulnerable groups in INDIA.

REFERENCES:

https://studycorgi.com/vulnerable-population-disaster-management...

https://theshillongtimes.com/2022/08/03/govt-takes-cognizance-of...

https://www.icf.com/insights/disaster-management/risk-management...

https://pubmed.ncbi.nlm.nih.gov/29123602

https://humanitarianglobal.com/vulnerable-groups-in-emergencies

https://www.cbgaindia.org/wp-content/uploads/2016/03/Natural-Disa… · PDF file

https://www.humanrights.is/.../the-human-rights-protection-of-vulnerable-groups

LAKSHMIPAT SINGHANIA ACADEMY

TERM II PROJECT (2022-2023)

CLASS IX

SUBJECT: PAINTING

FULL MARKS :10

Project Title: Disaster Management

Disaster- synonym – **Setback, Adversity, Accident, Catastrophe, Disruption**

We have people all around us, who by profession or as a volunteer take the job of a Disaster Manager.

- **A firefighter is trained to beat heat and fire and safe keep our homes and lives and also fight forest fires**
- **A war nurse knows how to manage time, wounds and pain of many at the same time**

  Man-made or Natural, for a short period or prolonged, disasters are often UNEXPECTED.

  However there is an upcoming Disaster which is waiting at the near corner and many countries have jointly taken initiatives to safe keep our Home. **CLIMATE EMERGENCY** requires **DISASTER MANAGER**!

   Task:
1. Research around the topic- Climate change/ Global Disaster
   **What is Climate Change?**
   https://www.youtube.com/watch?v=lJoAcD0oUww
   'I am worried'
   https://www.bbc.com/news/world-58549373
2. Think of yourself as a '**Climate Patrol/Guard'** and create an
   '**Awareness/Warning chart'** for managing the '**climate disaster'.**
     - **It can be country specific/Global.**
     - **It can be an awareness chart or warning chart. Provide a relevant title. Example- Melting Earth/ Rising Forest fires/ India is also not spared**
     - **Use relevant motifs/symbols to connect with your information (check the sample given below).**

- **Medium- any of your choice.**
- **PLEASE ACKNOWLEDGE ALL THE SOURCES under your chart**

Some samples
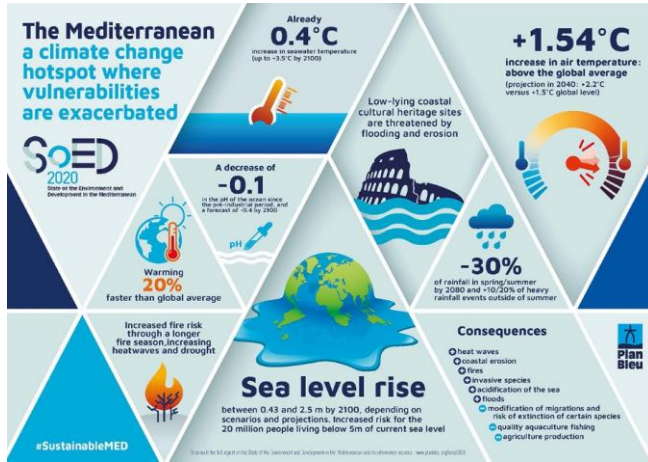
Marks	2	1	0
Overall understanding of the topic (2)	Had complete clarity	Had a partial understanding of the topic and the task	Failed to connect with the topic given
Title (2)	Relevant and Persuasive/Bold/Creative	Relevant	Not related/Not Given
Text and Design (2)	Very good understanding of the balance between use of text and design	Understanding of the balance between use of text and design is limited	Very poor understanding/ absence of text and design
Acknowledgements (2)	Acknowledged all the sources	Acknowledged minimum one source	Did not acknowledge any sources
The overall visual representation (2)	overall visual representation is very creative and smart	overall visual representation is appropriate	overall visual representation is limited

LAKSHMIPAT SINGHANIA ACADEMY
PROJECT TERM II -2022-23
SUBJECT: ARTIFICIAL INTELLIGENCE
CLASS: IX
FULL MARKS: 20

Veer Gatha (Video Making)

Learning objective:-

- To make students sensitise about gallantry award winners of our country.
- To make students motivate to choose professions in Armed Forces, other lawfully-constituted Forces.
- To develop ICT skill of students by making videot using pictory.ai application.
- To develop artistic skill by creating the video.
- To develop critical thinking skill while adding proper content as per the topic.

Learning Outcome:

- Students will gain an awareness and be motivated towards Armed Forces, other lawfully-constituted Forces of India and gallantry award winners.
- Through their video they will make others aware about them.
- Students will be able to video making application pictory.ai efficiently.

Introduction:-

Gallantry Awards have been instituted by the Government of India to honour the acts of bravery and sacrifice of the officers/personnel of the Armed Forces, other lawfully-constituted Forces and Civilians. These gallantry awards are announced twice in a year on the occasion of Republic Day and Independence Day.

In order to disseminate the details of acts of bravery and the life stories of these brave-hearts among the students, this project has been proposed by the Ministry of Defence (MoD) through *CBSE Circular No.: Acad-108/2022.*

To Do:-

I.   Create a video of 2-3 minutes on the following topics:-

_____*(Choose a Gallantry Award Winner as per your choice) has instilled the values of courage, bravery and selflessness in me. I will inculcate them in my daily life by*_____

**Note:- It is a group project. Regular lab partners are members of the group. (Eg. Group1=Roll1,2)**

II. Upload all your materials (i.e. information, images, bibliography, etc.) in onedrive using lsakolkata.onmicrosoft account so that you can download and use the same while creating your movie.

III. Use the online application **pictory.ai** for creating the same. **Pictory is a powerful Artificial intelligence (AI) enabled application which helps you to create and edit professional quality videos using text, without much technical skills software to download.**

IV. Use the Free Trial version and signup using your Microsoft id. DO NOT UPGRADE
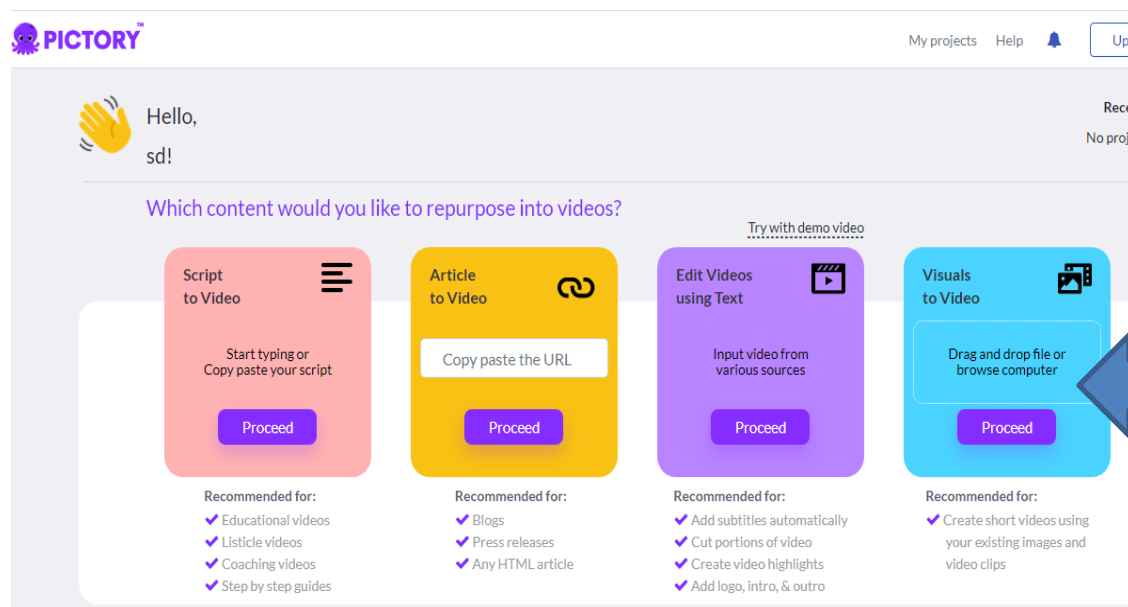
V. Add relevant downloaded images of the Gallantry Award winner chosen by you.
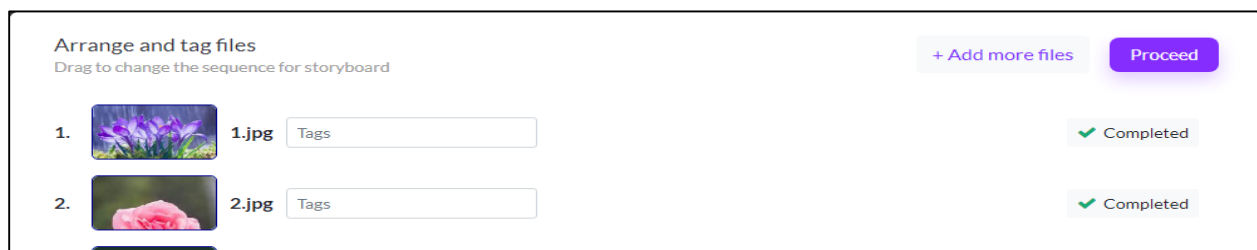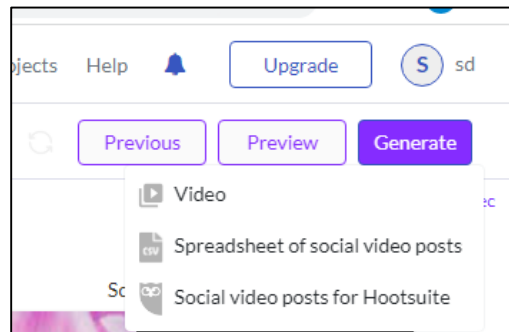
VI.   Choose Template of your choice.
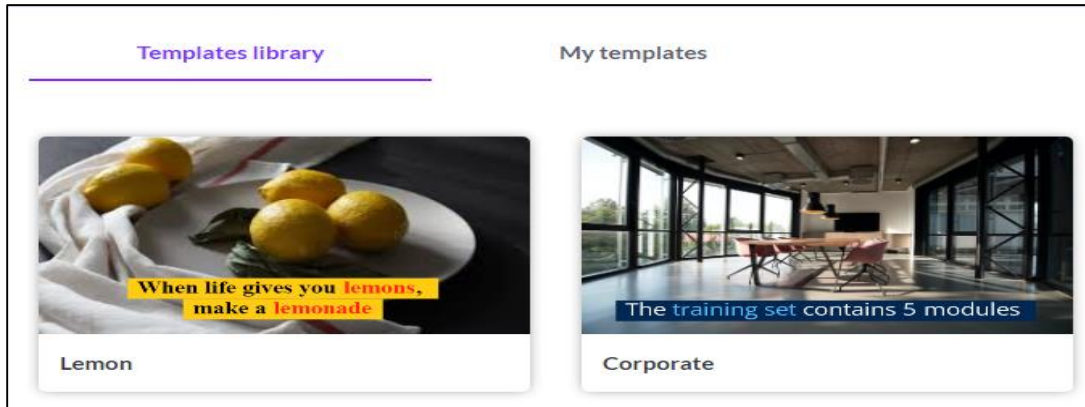
VII.   Enjoy incorporating other features like audio, voice over, text etc.

VIII.   Once done, click on the Preview button and once confirmed click on Generate button and choose Video.

IX.   Copy the link and paste it in a MS Word document. While making the video take snips of two-three steps of making (as given in this document) , paste them too in the same Word document.
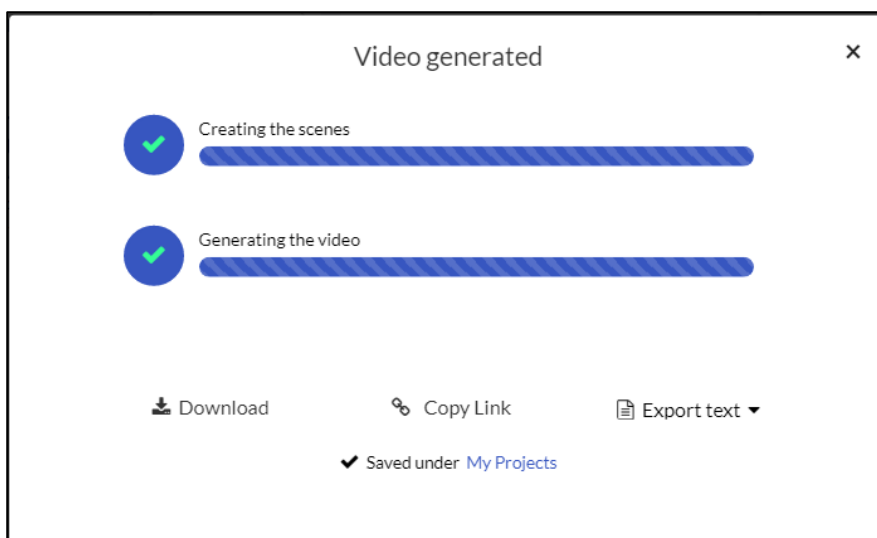
X.   Save the document as Name_ClsSec_VeerGatha.
XI.   Upload the files in Teams -> Assignment link.(Both members will upload)
XII.   Must give acknowledgement to the resources.
XIII.   The maximum size of video preferred to be within 5 MB

IMPORTANT: Download the video and keep safely in your device, if the link does not work you have to provide the same to your teacher.

Rubrics for Project:-

Criteria	4	3	2	1
Originality and creativity(4)	Fresh, distinctive approach. It is highly imaginative or creative.	Conveys some creative, imaginative, or insightful ideas beyond the common embroidery	Reflects few creative, substantive, or imaginative ideas out of the ordinary embroidery	Communicates no substantive or imaginative ideas and is unremarkable
Appropriate use of ICT Skill *(4)*	Animated video reflects the maximum use of suggested tools to get the desired output	Animated video reflects the use of some suggested tools to show acceptable understanding	Animated video reflects the use of few suggested tools to show acceptable understanding	Animated video hardly reflects any use of suggested tools to get the desired output

Relevance to the topic *(4)*	Storyboard is very much as per the topic	Storyboard is somewhat as per the topic	Storyboard has some information irrelevant to the topic	Storyboard is completely irrelevant to the topic
Content and Acknowledgement (4)	Rich resource acknowledgment supplied	Some resource acknowledgements supplied	Very less resource acknowledgements supplied	No resource acknowledgements supplied.
Collaboration (4)	Consistently stays focused on Task. Effectively encourages and supports the efforts of the peer member as a whole	Focuses on the task, most of the time. Usually encourages and supports the efforts of the peer member as a whole	Sometimes focuses on the Task. Sometimes encourages and supports the efforts of the peer member as a whole	Rarely focuses on the task. Let's others do the work and rarely supports the efforts of the peer member as a whole.

TPOPIC: Music for Mental health

Integrated subject: Disaster management: Mental Health Perspective

Learning Objectives:

- Basic knowledge of mental or psychological disaster
- How mental and physical health can be restored by the help of classical music.
- Different types of music therapy which are used to prevent various disease.

Project work:

- Introduction on Common mental disorders in the community (2)
- List of healing Ragas of Indian Classical Music (4)
- Real life cure report by Music therapy (4)
- Different types of Music therapy(6)
- Conclusion and future directions (4)

Learning   Outcome:

The student will know about:

- Roots of Indian Classical Music: Indian Ragas and swaras - Theme ,Time aspect, Expression and Effects
- Music Can Improve Cognitive Performance, Reduce Stress, Help metabolism, Improve Memory and many more
- Different Methods of treatment
- Effects of listening and learning of Music
- The effect of Indian Ragas as for treatment

	6	4	3	2	1
Introduction on Common mental disorders in the community (2)	-			Content is Unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained
List of healing Ragas of Indian Classical Music (4)	-	Content is very unique and proper research done and concepts properly explained	Content is unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained
Different types of Music therapy (6)	Content is completely innovative & proper research done and concepts properly explained	Content is unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained	Irrelevant information
Real life cure report by Music therapy (4)	-	Content is very unique and proper research done and concepts properly explained	Content is unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained
Conclusion and future directions (4)	-	Content is very unique and proper research done and concepts properly explained	Content is unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained

<u>Role of Mathematical Modelling in Preventing Natural Disaster</u>

Uttarakhand has always been prone to earthquakes, cloud bursts or flooding. Mathematics is an extraordinary exercise of the human mind in abstracting the results of observation to find similarities and differences between phenomena. These relations between phenomena make it possible to organize the natural world into discrete sets of objects that can be studied using similar mathematical objects and methods. Natural disasters cannot be prevented; scientists can use Mathematical Modelling to help limit the damage. Mathematical models are used to summarize relationships between the characteristics of natural disasters. They are ultimately used to answer questions that humans have about natural disasters, and predict the results of events that have not occurred, but may be possible or even likely. In this paper, Mathematical models of some problems related to Natural disaster are discussed.

Learning Objective:

Students to know about the advantages of Mathematical Modelling in Preventing Natural Disaster

Prepare the project in a channel file in groups assigned.

1. Introduction of different types of natural disaster and its categories.   4

2. Discuss the different Mathematical modelling used to detect $4 \times 4 = 16$

   (i) Earthquake ground motion

   (ii) Nascent cyclone

   (iii) Tsunami Runup on A Shore

   (iv) Landslide evolution

3. Conclusion   4

Learning Outcome: Students to know about the advantages of Mathematics in Preventing natural disaster

Rubrics of Mathematics

	2 X 4	1x4	2 x4
Authenticity of the contents	Content is Unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained
Submission demonstrates a concise knowledge and understanding of the theme	The submission addresses the requirement in meaningful and relevant way. The information is concise and accurate	The submission addresses the requirement. The information is presented accurately and in a concise manner	The submission somewhat addresses the requirement, but not in a cohesive or concise manner
Use of Technology and media	Accesses suggested media and employed technologies fluently	Accesses suggested media and employed technologies adequately with support	Struggled with media and technologies. Struggled with teacher-provide strategies and resources
Creativity and Art Integration	The concept in submission is creative, especially as compared with other submissions	The concept in the submission is somewhat creative	The concepts in the submission lacks creativity

LAKSHMIPAT SINGHANIA ACADEMY

PROJECT PLAN (TERM-2)

SESSION- (2022-23)

BENGALI 2^(ND) LANGUAGE

CLASS-IX

Theme : Disaster Management

Integration : Hindi, English, Science, Geography   F.M.-20

প্রকৃতিক বিপর্যয় ও তার প্রতিরোধ :

                বিশ্ব জুড়ে নানা সময়ে মানুষ সম্মুখীন হয়েছে নানা প্রাকৃতিক বিপর্যয়ের। বিজ্ঞান বা প্রযুক্তিবিদ্যা যতই উন্নত হোক না কেন প্রকৃতিক নিয়মকে উপেক্ষা করার সাধ্য কারো নেই। প্রকৃতির কাছে অসহায় মানুষ বার বার প্রকৃতিক দুর্যোগের কবলে পড়েছে। সম্প্রতিক কালে ভারতকে বিশ্বের অন্যতম প্রাকৃতিক দুর্যোগের সম্ভাবনাময় দেশ হিসাবে চিহ্নিত করা হয়।

নানা সময়ে বহু বিপর্যয়ের সম্মুখীন হলেও আবারও নতুন করে ঘুরে দাঁড়িয়েছে মানুষ। তাই স্বাধীনতার ৭৫ বছর পরেও বৈজ্ঞানিক ও প্রযুক্তিবীদেরা প্রাকৃতিক বিপর্যয় প্রতিরোধের নিরন্তর প্রচেষ্টা চালিয়ে যাচ্ছেন। এই বিপর্যয় প্রতিরোধের আবশ্যকতা ও মূল উদ্দেশ্য উল্লেখ করে একটি সচিত্র পত্রিকা তৈরি কর। যেখানে থাকবে

  ➢ প্রাকৃতিক বিপর্যয়ের কারণ
  ➢ বিপর্যয় প্রতিরোধের প্রয়োজনীয়তা
  ➢ বিপর্যয় প্রতিরোধের অত্যাধুনিক উপায়ের উল্লেখ।
  ➢ উপযুক্ত শিরোনাম
  ➢ প্রাসঙ্গিক ছবি
  ➢ উপযুক্ত প্রচ্ছদ

নম্বর বিভাজন :

  বিষয়বস্তু -১০

  উপস্থাপনা- ৫

  ভাষা -২

  শিরোনাম -১

  প্রচ্ছদ -২

প্রকল্পের উদ্দেশ্য :

➢ বিপর্যয় প্রতিরোধের প্রয়োজনীয়তা ও উদ্দেশ্য সম্পর্কে অবহিত হওয়া।

➢ সমসাময়িক বিভিন্ন বিষয়ের প্রতি সচেতনতা গড়ে তোলা।

➢ পরিস্থিতি অনুযায়ী কাজ করার দক্ষতা বিকাশ।

➢ ভাষা কৌশল ও সৃজনশীলতার বিকাশ ঘটান

প্রকল্পের কাঙ্ক্ষিত ফলাফল :

➢ বিপর্যয় প্রতিরোধের প্রয়োজনীয়তা সম্পর্কে অবহিত হবে।

➢ সমসাময়িক বিষয় সম্পর্কে সচেতন হবে।

➢ পরিস্থিতির মোকাবিলা করার দক্ষতা বিকশিত হবে।

➢ ভাষা কৌশল ও সৃজনশীল মনোভাবের বিকাশ হবে।

Rubrics for Bengali 2nd language , Class-IX

	5	4	3	2
Content -5	Demonstrate a clear understanding of the theme and the content is written in an accurate manner without any error	Demonstrate an adequate understanding of the theme , the content is well written with some spelling error.	Demonstrate a partial understanding of the theme , the content lacks accuracy	Demonstrate a vague understanding of the theme , the content lacks accuracy
Research -5	Who are giving interview should consist of people from important 5 different profession and all five question should be relevant.	Who are giving interview should consist of people from 5 different profession and all five question should be relevant.	Who are giving interview are not from 5 different profession and all five question are not relevant	Who are giving interview are from same profession and all five question are relevant
Creativity and art integration-5	Excellent and attractive way of questioning, providing excellent quality of audio recording with appropriate title.	Appropriate way of questioning, providing excellent quality of audio recording with appropriate title.	Moderate way of questioning, providing good quality of audio recording with appropriate title	Error in questioning, providing not so good quality of audio recording with inappropriate title
Overall Presentation-5	Submission of excellent quality audio recording	Submission of good quality audio recording	Submission of fair quality audio recording	Submission offaverage quality audio recording