



Bal Bharati
PUBLIC SCHOOL

Gangaram Hospital Marg, New Delhi-110060



INNOVERSE 1.0

**BAL BHARATI PUBLIC SCHOOL,
GRH MARG**

SCIENCE SOCIETY

1. The Physics Comic Strip Showdown

Class: IX-XII

Number of Participants: 2

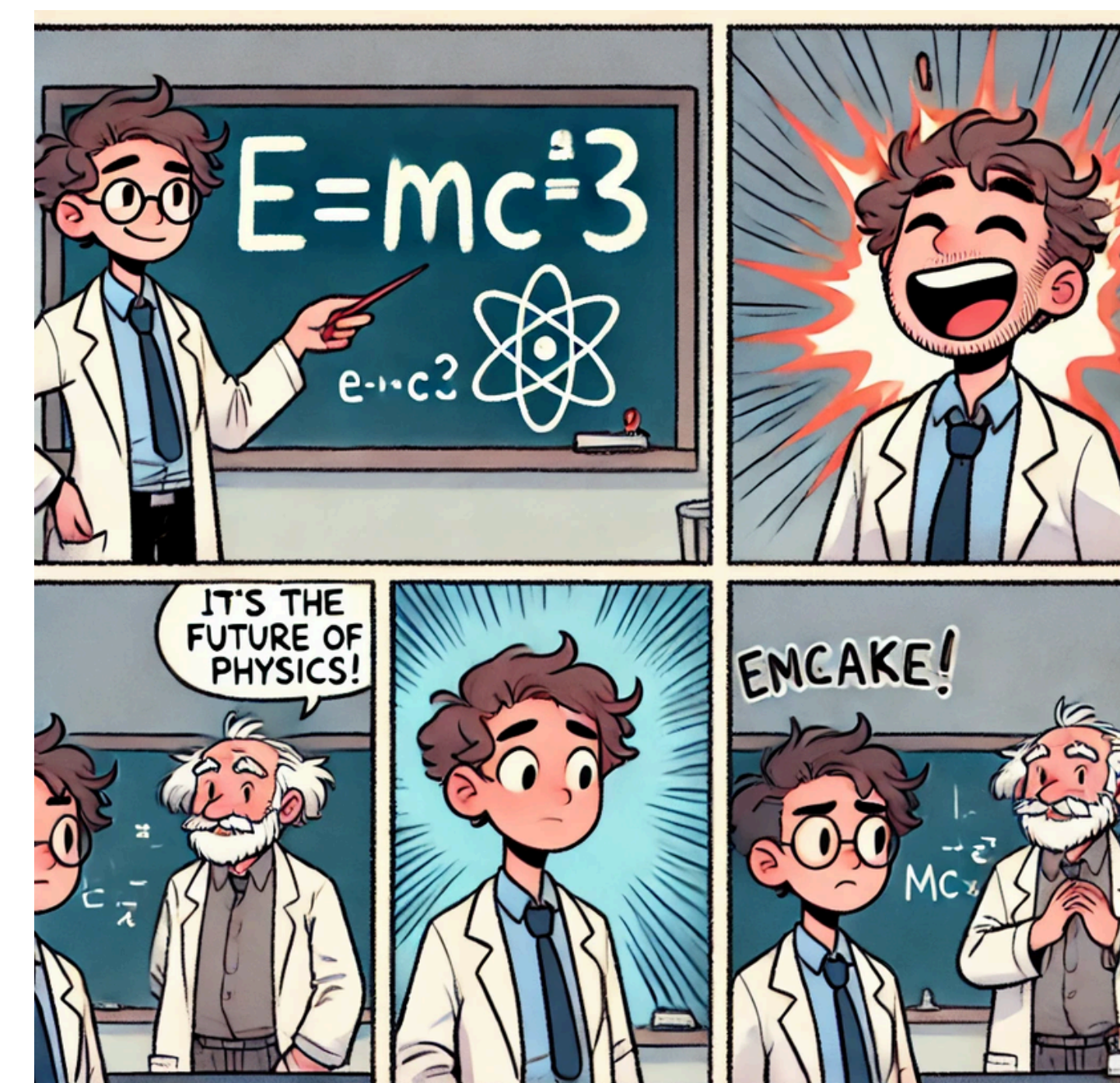
Mode: Online

GUIDELINES:

1. Each team may have a maximum of two participants.
2. Team members can be from the same or different classes.
3. Only one team per school may participate.
4. Teams must create a one-page digital comic based on any physics concept or law using tools such as Canva, Adobe Photoshop, etc.
5. A second page should include:
 - o Concept Name
 - o Details of Tools Used (including names and links)
 - o Font: Calibri or Times New Roman, size 12
 - o A brief description of the tool usage
 - o Code files, if any, must be submitted
6. Participants may use any digital tool they prefer.
7. Plagiarism is strictly prohibited
8. **Last Date of Submission: 15 May 2025**

JUDGEMENT CRITERIA:

- Originality and Creativity
- Conceptual Clarity
- Presentation and Visual Aesthetics
- Technical skill and Tools Usage



Link of Registration: forms.gle/x1EqNP83JzS5Ho6k6

The final comic must be uploaded in .PDF format via the following Google Form link: forms.gle/piqKEjRymJ6k2Ym4A

Event In charge: Ms. Komal Agnihotri

Email: komal.agnihotri@gr.balbharati.org

Student In charge: Naman Goel, Vasu Bansal

Contact Number: 9313064153 (Vasu)

2. Trailblazers in STEM: A Reel Tribute to Women Who Shaped Science

Class: IX-XII

Number of Participants: 2

Mode: Online

GUIDELINES:



1. Teams must consist of a maximum of two participants, from same or different classes.
2. Participants must create a reel (≤ 59 seconds) on notable women in STEM such as Hedy Lamarr, Rosalind Franklin, Marie Curie, etc.
3. The reel must display participants' names and school name within the first few seconds.
4. Creative additions like music and voiceovers are encouraged.
5. Use of stock visuals is permitted.
6. Aspect ratio: 9:16
7. Use any video editing tool (e.g., Canva, Shotcut, Adobe Premiere).
8. Ensure the final submission is within the time limit, follows the topic, covers the Adhere strictly to time and theme.
9. **Last Date of Submission:** 15 May 2025

JUDGEMENT CRITERIA:

- Creativity
- Content
- Overall Presentation
- Adherence to Guidelines



Link of Registration: forms.gle/W5bZRPL5Xaqf9hqZA

The final reel must be uploaded in .MP4 format via the following Google Form link: forms.gle/xiBjeE36NpLQMjeu8

Event In charge: Ms. Shreya Satija

Email: shreya.satija@gr.balbharati.org

Student In charge: Atharva Keswani, Saksham Jain

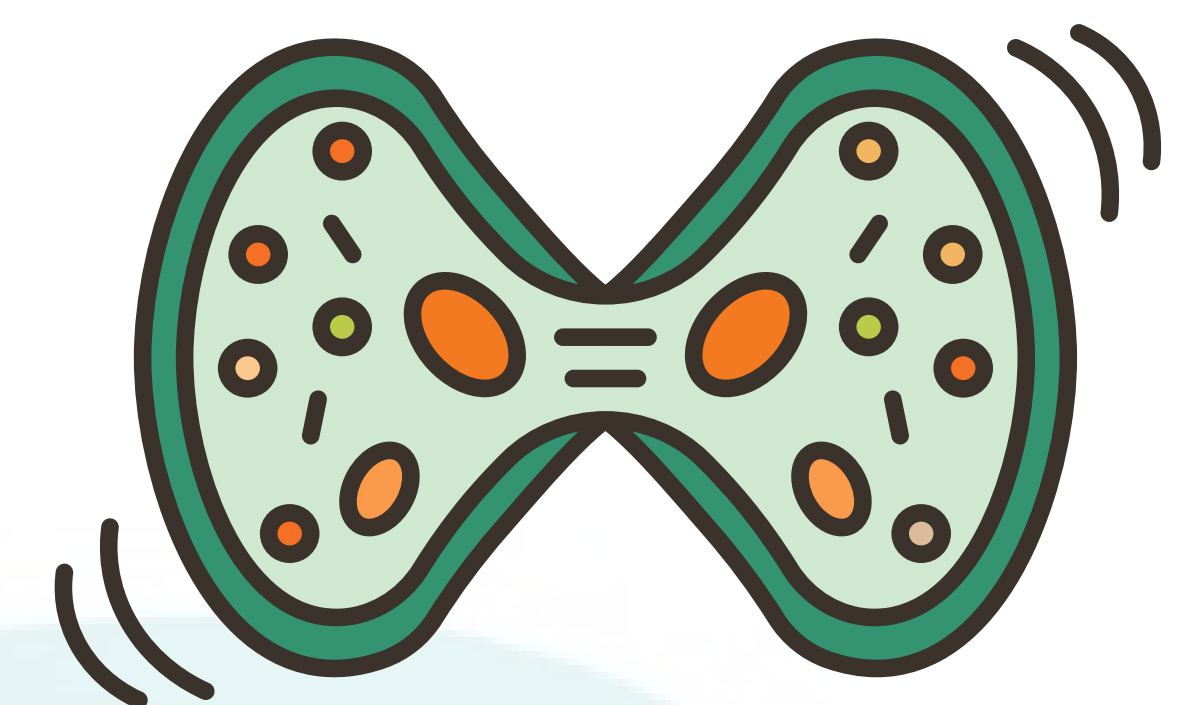
Contact Number: 9625261257 (Saksham)

3. Biomotion Challenge – Stop Motion Video On Any Biological Process

Class: IX-XII

Number of Participants: 2

Mode: Online

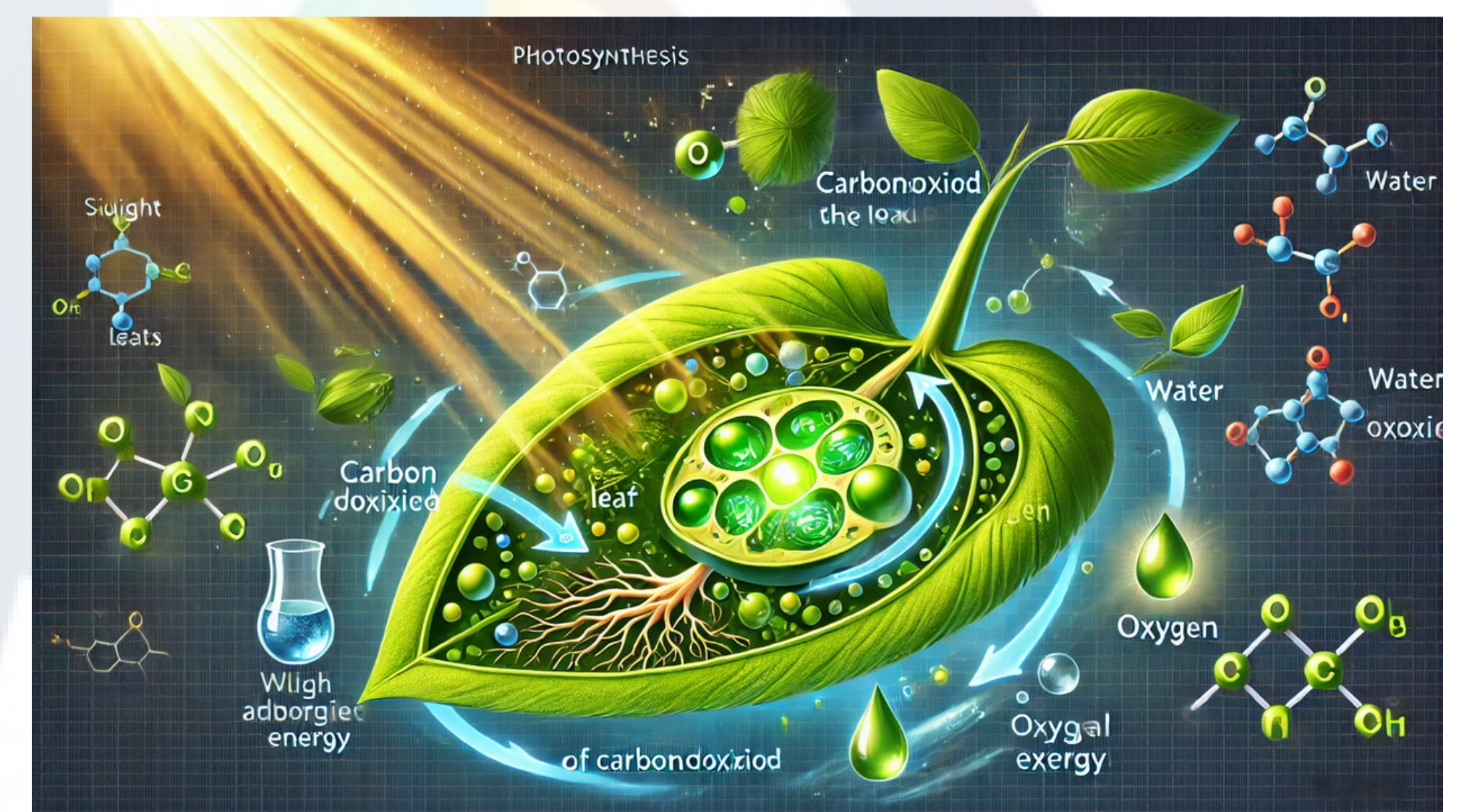


GUIDELINES:

1. Video length must not exceed 1.5 minutes.
2. Ensure high picture quality for clarity.
3. Use materials like clay, paper, clips, colored pens, etc. to demonstrate the biological process.
4. Include voiceovers, background music, and text subtitles for explanation.
5. The first 2–3 seconds of the video must display: participant's name, school name, class, and topic.
6. Only one entry per school is allowed.
7. Name your video file as [SchoolName].
8. Entries must be original. Plagiarism will result in disqualification.
9. Ensure the video is well-organized, clear, and creative.
10. **Last Date of Submission:** 15 May 2025

JUDGEMENT CRITERIA:

- Technical Quality
- Creativity and Design
- Clarity of Explanation
- Engagement and Impact



Link of Registration: forms.gle/zzD8gTr5uTXKH2C26

The final video must be uploaded in .MP4 format via the following

Google Form link: forms.gle/rLKD6UFQv2gKei3D8

Event In charge: Ms. Satinder Kaur, Ms. Shreya Satija

Email: satinder.kaur@gr.balbharati.org, shreya.satija@gr.balbharati.org

Student In charge: Palak, Dheirya Kharbanda

Contact Number: 8882663353 (Dheirya)

4. "The life cycle of Stars: From Birth To Supernova" – PODCAST

Class: IX-XII

Number of Participants: 2

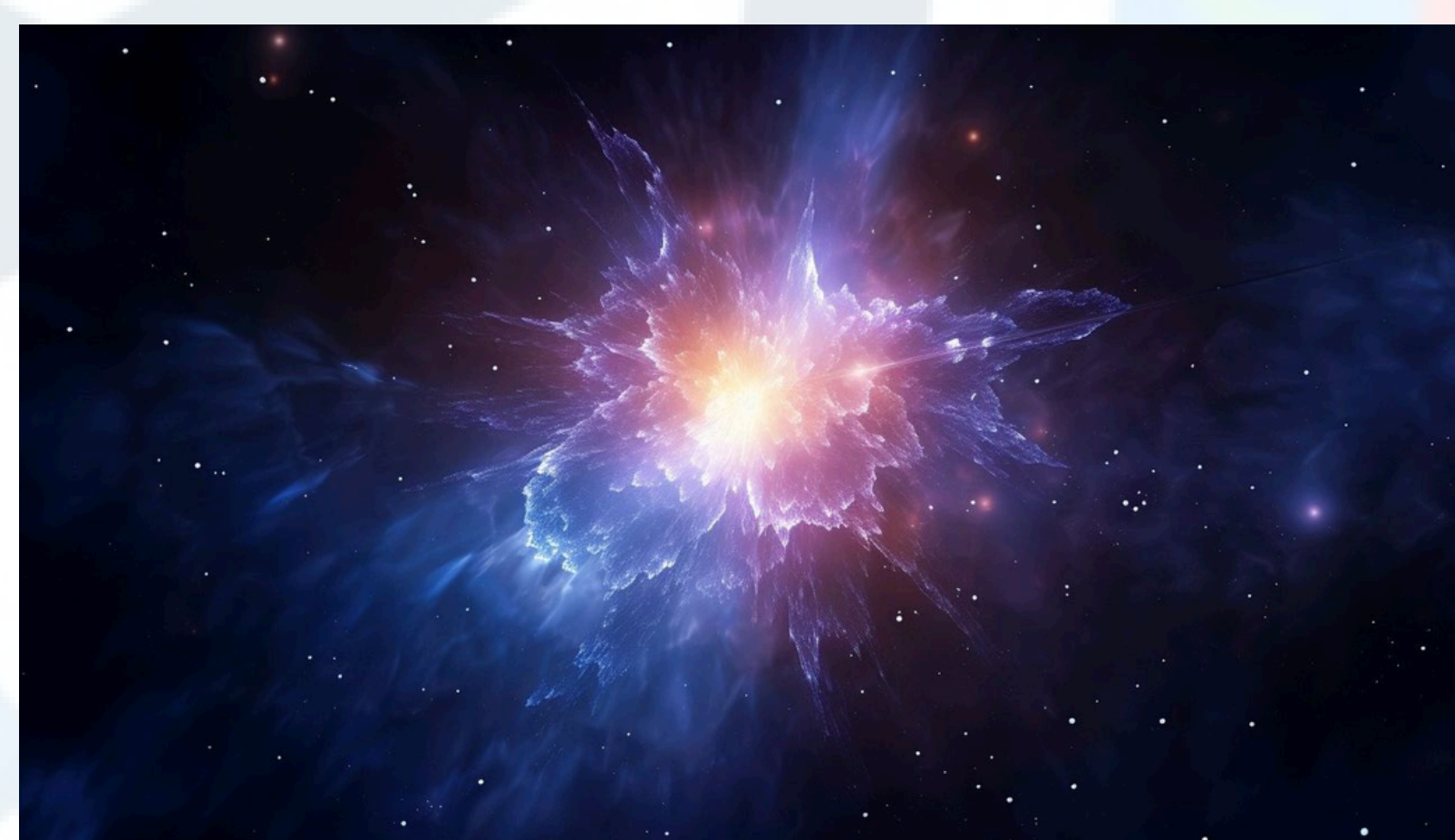
Mode: Online

GUIDELINES:

1. **One team per school. Participants may be from the same or different classes.**
2. **Create a podcast (2–3 minutes) on the theme: "Every Star Has a Story – A Journey of Light, Explosion and Transformation." Students must create a simulation or AI-based (Prototype) model on the given topic.**
3. **Format for the podcast: MP4**
4. **Choose any one type of star to explain its journey. (Software to be used: Python IDE)**
5. **A detailed report explaining the stimulation/ model has to be submitted in PDF format.**
6. **This document should include the concept dealt with, source code, AI methodology used (if any), data collection, and results/ summary in PDF format.**
 - **Concept Name:**
 - **Details of Tools Used (including links to the tools with names):**
 - **(Font Style: Calibri or Times New Roman, Font Size: 12)**
 - **Describe in brief how the tool is used in making your Podcast**
 - **If coding is being used, it should be submitted as well**
 - **No limit on any type of tool utilized**
 - **(NOTE: Participants are free to utilize any tool available to them)**
7. **Plagiarism and copy-pasting will not be tolerated.**
8. **Last Date of Submission: 15 May 2025**

JUDGEMENT CRITERIA:

- **Innovation and Creativity**
- **Scientific Understanding and Technical Skill**
- **Clarity and Presentation**
- **Integration of Technology and Concept**



Link of Registration: forms.gle/TSQ8gGhSZRfBFW3P8

The final work must be uploaded in required formats via the following Google Form link: forms.gle/SYQZyXfCk2hYCmyr6

Event In charge: Ms. Anjali Virmani, Ms. Astha Sharma

Email: anjali.virmani@gr.balbharati.org, astha.sharma@gr.balbharati.org

Student In charge: Aarav Parashar, Kanav Goel

Contact Number: 9910968159 (Kanav)

S. ChemAnimate: "The Animated Chemistry Revolution"

Class: IX - XII

Number of Participants: 2

Mode: Online



GUIDELINES:

1. **Participants must choose any one of the following themes for their animation:**
 - "Sustainable Chemistry in Action": Showcase how chemistry can be used for sustainable solutions (e.g., clean energy, recycling, green chemistry, etc.).
 - "Chemistry in Everyday Life": Show how chemistry impacts our daily lives in practical, interesting, or surprising ways.
 - "Future Innovations in Chemistry": Present imaginative and futuristic ideas based on current or emerging chemical concepts (e.g., nanotechnology, biotechnology, etc.).
2. **The animation must be original work created by the participants.**
3. **Plagiarism or the use of copyrighted material without permission will result in disqualification.**
4. **Maximum length: 5 minutes.**
5. **It should be in landscape orientation.**
6. **It must be suitable for all audiences, with clear and informative content.**
7. **Background music, voiceovers, and narration are encouraged but not mandatory.**
8. **Last Date of Submission: 15 May 2025**

JUDGEMENT CRITERIA:

- Creativity and Technical Skills
- Scientific Accuracy
- Visual aesthetics and tools used
- Presentation and Clarity



Link of Registration: forms.gle/wYS8J4LhA9YwfjrK8

The final video must be uploaded in .MP4 format via the following Google Form link: forms.gle/ZRRLoV7wh9hAZSo37

Event In charge: Ms. Tanya Dawar, Ms. Chahat Mehra

Email: tanya.dawar@gr.balbharati.org, chahat.mehra@gr.balbharati.org

Student In charge: Somya Gupta, Krityanidhi Chawla

Contact Number: 7827410460 (Krityanidhi)

6. AgriVision 3D: A Sustainable Farming Future

Class: IX-XII

Number of Participants: 2 - 4

Mode: Online

GUIDELINES:

1. Design 3D models supporting sustainable agriculture with innovative technologies for resource management, environmental monitoring, or crop health.
2. Work should be original, developed independently, and focused on eco-friendly practices.
3. Models may include automated rovers, crop monitoring drones, irrigation systems, sensor networks, or greenhouse technologies with functional, scalable, and practical designs.
4. Use colors to enhance functionality and focus on innovative, environmentally compatible solutions.
5. Teams (2-4 members) must have a faculty advisor and submit in .fbx or .obj formats with a 5-minute MP4 video.
6. A synopsis of the model and its functionality must also be submitted in .PDF format.
7. Files should be named in the format [SchoolName_ProjectName].
8. **Last Date of Submission:** 15 May 2025

JUDGEMENT CRITERIA:

- Creativity and functionality
- Aesthetics and relevance to agriculture
- Sustainability and scalability
- Documentation and presentation

Link of Registration:

forms.gle/TRt7ZtVT8zufrar29

The final work must be uploaded in required formats via the following Google Form link: forms.gle/eQiPsD4h9Lp8VPaa7



Event In charge: Ms. Pooja Seth

Email: pooja.seth@gr.balbharati.org

Student In charge: Prakhar Dubey, Sourish Sarna

Contact Number: 8920726690 (Sourish)



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**THANK
YOU!**