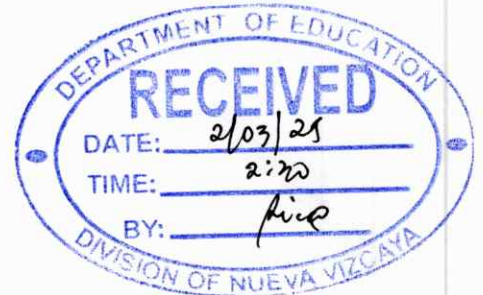


January 20, 2025

Dear Ma'am/Sir,

**Greetings from the University of Saint Louis Tuguegarao!**



We are excited to invite your institution, along with your students and faculty, to participate in the **STEMulated: 2nd Regional STEM Convention**, which will be held on **February 27-28, 2025**, at the **University of Saint Louis Tuguegarao - Main Campus, Tuguegarao City, Cagayan**. This event is open to Grade 10 and Senior High School students, and we would be honored to have your institution's participation.

The convention will feature a variety of activities, including the following contests for students:

- **Clash of Concepts** – A battle of knowledge where participants compete in presenting and defending their STEM-related ideas.
- **Science Investigatory Project Paper and Poster Presentation** – An opportunity for students to showcase their research and experiments in various fields of science.
- **Infomercial Competition** – A creative contest where participants design and present an infomercial to raise awareness on a particular STEM topic.
- **Science Olympiad** – A competition testing students' knowledge and skills in various branches of science.
- **Mathematics Quiz Bee** – A challenge to test students' mathematical aptitude and problem-solving skills.

In addition to the contests, the event will feature symposia and a STEM Socialization Night, providing a platform for students to interact with experts and peers, exchange ideas, and be **inspired** by STEM leaders.

This convention is organized by the **USL-STEM Non-Health Council and the Young Enthusiasts of Science Club, affiliates of the Philippine Society of Youth Science Clubs, Inc.**

For any inquiries or to confirm participation, please contact the STEM NH Moderators:

**Mr. Mark Noel John Calagui**


Contact Number: **09610736973**

Email: **marknoeljohncalagui@usl.edu.ph**

**Ms. Klaire Mata**

Contact Number: **09655806827**

Email: **klairemata@usl.edu.ph**





We hope to have your institution represented at this exciting event. Your participation will undoubtedly contribute to the success of the convention, and we look forward to your positive response.

**Thank you, and we look forward to welcoming you to the STEMulated: 2nd Regional STEM Convention!**

Respectfully yours,

**VINCE MATTHEW A. AREVALO**  
STEM Council Governor

Noted by:

**MARK NOEL JOHN V. CALAGUI, LPT**  
STEM Council Adviser

**KLAIRE EDANTA, LPT**  
STEM Council Adviser

**MARVIN C. BACCAY, MST**  
Science Area Head, USL-BES

<b>MEMORANDUM</b>		Date: 2-6-25	Released (Records): <i>wee</i>
To:	<input checked="" type="checkbox"/> PSDS/DICs	<input checked="" type="checkbox"/> Elem/Sec School Heads	
	<input type="checkbox"/> Private Schools	<input type="checkbox"/> Others:	
For:	<input checked="" type="checkbox"/> Information	<input checked="" type="checkbox"/> Dissemination	
	<input type="checkbox"/> Guidance	<input type="checkbox"/> Strict Compliance	
<b>ORLANDO E. MANUEL Ph.D., CESO V</b> Schools Division Superintendent			
By:	<input type="checkbox"/> ASDS	<input type="checkbox"/> CID Chief	<input type="checkbox"/> SGCD Chief
	<input type="checkbox"/> AO	<input type="checkbox"/> Atty.	Signature: <i>[Signature]</i>



# REGISTRATION FOR PRIVATE SCHOOLS



## FOR PAYMENT



Transfer fees may apply.

**KL\*\*E M.**

Mobile No. 096- ....827

User ID: .....X07DQQ

**BPI**

Calagui

Account number: xxxxxxxxxxx725



Transfer fees may apply.



# STEM Mulated: 2nd Regional STEM convention

"THINK. CREATE. EVOLVE."

27 - 28  
FEBRUARY 2022

**UNIVERSITY OF SAINT LOUIS TUGUEGARAO**  
**BASIC EDUCATION SCHOOL**

**STEMulated: 2<sup>nd</sup> Regional STEM Convention**

*STEMulated: Think, Create, Evolve.*

*A. RATIONALE*

The 2nd Regional STEM Convention, aptly titled "STEMulated", aims to invigorate and inspire both STEM students and teachers across the Cagayan Valley Region. The term "STEMulated" is a fusion of "STEM" (Science, Technology, Engineering, and Mathematics) and "stimulated," reflecting the convention's core mission: to inspire, energize, and spark innovation in STEM education, learning, and career pursuits throughout the region.

The Cagayan Valley Region, home to rich natural resources and vibrant agricultural and industrial sectors, has significant potential for growth in STEM fields. However, it is critical that both students and educators in the region are equipped with the skills, knowledge, and inspiration needed to thrive in an increasingly globalized and technology-driven world. The "STEMulated" convention will serve as a dynamic and interactive platform that brings together the region's best minds—students, teachers, industry professionals, and researchers—to enhance STEM education, foster innovation, and build stronger ties within the STEM community.

The convention will aim to spark excitement and curiosity among students about the vast array of careers in STEM. By showcasing real-world applications of science, technology, engineering, and mathematics, the event will help students connect their classroom learning to tangible career paths, motivating them to pursue further studies and careers in these fields. Interactive exhibits, career talks, and hands-on workshops will highlight how STEM skills are shaping industries like agriculture, renewable energy, information technology, and infrastructure development in the region. "STEMulated" will also serve as a professional development opportunity for STEM educators in the region. Teachers will be equipped with new tools, techniques, and teaching strategies to make STEM subjects more engaging, accessible, and relevant to their students. Workshops and seminars on the latest trends in STEM education—such as the integration of technology in teaching, project-based learning, and industry partnerships—will help educators stay current with evolving best practices and foster a culture of innovation in the classroom.

*B. BACKGROUND*

The 2<sup>nd</sup> Regional STEM Convention is set to be conducted from February 27-28, 2025. The event shall be conducted face-to-face and will take place at the University of Saint Louis Tuguegarao - Main Campus. The event shall be composed of four (4) symposia, five (5) contested events, a socialization night, and team building activity:

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SYMPOSIA	CONTESTED EVENTS
Engineering and Construction	a. Clash of Concepts b. Science Investigatory Project c. Infomercial Competition d. Science Olympiad e. Mathematics Quiz Bee
Science Education	
Health and Medicine	
Agriculture	
Major Events	
Science Investigatory Project Competition	
Team Building Activity	
Socialization Night	

*C. OBJECTIVE*

The "STEMulated" Regional STEM Convention will serve as a catalyst for positive change in STEM education and workforce development in the Cagayan Valley Region. By engaging students, teachers, and industry professionals in a shared learning experience, the convention will inspire and empower the next generation of STEM leaders while equipping educators with the tools they need to nurture talent. This event will help ensure that the Cagayan Valley Region continues to grow as a hub of STEM innovation, producing a skilled and forward-thinking workforce ready to meet the challenges of the future.

*D. REGISTRATION AND GENERAL GUIDELINES*

1. All participants must be bona fide Senior High School students enrolled in the Science, Technology, Engineering and Mathematics Strand or Grade 10 students from either public or private high schools.
2. Each school can register a maximum of 15 participants including students and teachers.
3. The participants must register online first.
4. Payment may be made on-site or online through Gcash or Bank Transfer.
5. A copy of their response will be sent through their email account as a confirmation that the organizing team has received, collected, or recorded their data.
6. After the participant has registered, they may proceed to pay the registration fee. *The registration fee will cover the food and materials to be used during the convention. The fee DOES NOT include accommodation and transportation expenses.*

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REGISTRATION FEE FOR PARTICIPANTS	
NUMBER OF PARTICIPANTS	REGISTRATION FEE
USL BES STUDENTS	<b>P750.00</b>
PARTICIPANTS FROM OTHER PRIVATE SCHOOLS	<b>P750.00</b>
PARTICIPANTS FROM PUBLIC SCHOOLS	<b>P400.00</b>

Payment options:

Option 1: On-site Payment

1. On-site or walk-in registration fee payment option will be open until February 21, 2025.

Option 2: GCash/ Bank Transfer

1. Scan the given QR code through the Official USL-Basic Education School Facebook Page pinned post.
2. Input the amount to be paid, then click on "Next" and "Confirm."
3. Take a screenshot of your successful GCash/ Bank Transfer transaction.
4. Access the Google Form link for Registration Fee Payment provided in the email of the STEM Council after you have successfully registered.
5. Fill out the form accurately and carefully, then upload the proof of payment.
6. The USL-BES STEM Council will provide a copy of your response through your registered email account as a confirmation that your payment for the registration fee is successful.
7. The STEM Council officers and YES Club officers, and Top 3 STEM Classroom Officers of the University of Saint Louis Tuguegarao are not allowed to participate in any contested events.
8. The participants may join in different contested events as long as the schedules are not in conflict. Attendance is a must. If the participant fails to show up fifteen (15) minutes after the call time, the competition must commence with or without the participant.
9. One coach can hold up to two (2) contest/ competitions. The coach must be a faculty member of the participating school, and shall only serve as a facilitator. He/she must not directly intervene in the event proper, except for the other events requiring the teacher's assistance.
10. If the participant cannot join due to reasonable circumstances, they should notify the organizers immediately and present the replacement of the participant.

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11. If there is a competition where participants are required to submit before the exact date of the event proper, the final submission of entries should be submitted on or before the set deadline made by the organizers.
12. The participants should follow disciplinary measures. Failure to do so will result in the deduction of points or disqualification.
13. The judges' decisions are FINAL and IRREVOCALE. Any violation of the competition guidelines shall be subjected to disqualification after due deliberation.
14. The winners will be awarded during the closing program of the convention.
15. The students must follow the university's Social Media Policy, and the students must follow the university's dress code.

**SPECIFIC GUIDELINES**

**I. SCIENCE INVESTIGATORY PROJECT PAPER PRESENTATION COMPETITION**

1. Grade 10 and Grade 11 and 12 STEM students may participate in this event.
2. Any institution that qualified for the first cut of participants must confirm their attendance at the report defense. Failure to do so will mean forfeiture of the slot. The freed slot shall be given to the institution next in rank.
3. Projects may fall into any of the following categories:
  - Agricultural Science
  - Environmental Science
  - Health and Medical Science
  - Engineering and Technology
  - Physical Science
4. The participants must prepare a 15-minute oral presentation of their project.
5. The participating institutions shall prepare and submit a soft copy of the following through the email – [marvinbaccay@usl.edu.ph](mailto:marvinbaccay@usl.edu.ph) by February 23, 2025, 11:59 PM PhST. A deduction of one (1) point will be given to the institution per every hour exceeding the specified time frame:
  - a. the full version of the manuscript:
    - It must be a PDF file in the format: A4 size (8.27 x 11.69 in), Times New Roman font, 12 font size, 1-inch margin on all sides, and double-spaced.
    - The manuscript shall contain Abstract, Introduction, Review of Related Literature, Methodology, Results and Discussion, Summary and Conclusion, Recommendation, and References. In addition, the Title page, Acknowledgement, Table of Contents, List of Tables, List of Figures, and List of Appendices must be included in the preliminary pages.
    - It must be noted that the APA 7th edition citation style must also be followed.
    - The filename of the manuscript must be the requirement type enclosed in brackets, space, and the name (or the abbreviation) of the school. (i.e. [Finals-Manuscript] USLT.pdf)

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- b. oral presentation slides (For Paper Presentation):
  - The presentation slides must be in a PDF file format.
  - The slides must have a minimum font size of 24 to ensure readability.
  - The filename of the presentation must be the requirement type enclosed in brackets, space, and the name (or the abbreviation) of the school. (i.e. [Finals-Presentation] USLT.pdf)
- c. a poster of the manuscript (For poster Presentation)
  - It must contain the Title of the Manuscript, Names and Affiliations of the Authors, Abstract, Introduction, Methodology, Results and Discussions, Conclusion and Recommendations, and References.
  - The poster dimension should be 48 inches by 72 inches (about 122 cm by 183 cm).
  - It must be readable. Thus, all texts and figures should be in appropriate sizes.
  - Only the important details of the manuscript should be included in the tarpaulin. Meaning, the introduction and conclusion should be clear and concise and only the key experiments should be included. Please see a sample poster.
  - There should be cohesion between the parts of the manuscript to ensure that the poster can be read easily from one part to the other.
  - The filename of the poster must be the requirement type enclosed in brackets, space, and the name (or the abbreviation) of the school. (i.e. [Finals-Poster] USLT.pdf)
6. The participating institution shall also submit the hard copy of the following on the first day of the STEM Convention at the registration booth which all will be returned at the end of the event:
  - three (3) copies of the full version of the manuscript
  - It must be fastened on the side and placed inside a folder
  - The poster of the manuscript (For Poster Presentation) with a standee.
7. The competing team must be present at the venue ten (10) minutes before the start of the event. Otherwise, they are automatically disqualified.
8. The contestants should be in their proper school uniform and the identification cards provided at the registration booth.
9. The report should be presented by the proponents specified in the submitted manuscripts with the prepared presentation (in .pdf) as a visual aid.
10. All presentations must be presented in standard American English.
11. Each team is allowed to present their oral report for 10 minutes, followed by a 10-minute question and answer portion regarding their project. If after 30 seconds the contestants still have not answered the question, the judges panel will proceed to ask the next question.
12. The contestants will be judged by the selected board of judges. Winners shall be identified as the Champion, First Runner-up, and Second Runner-up, which shall be announced during the Awarding Ceremony.

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### ELIMINATION CRITERIA

Research Questions <ul style="list-style-type: none"><li><i>The research questions are relevant to the categories of Life Sciences and Physical Sciences.</i></li></ul>	40%
Design and Methodology <ul style="list-style-type: none"><li><i>The research designs and methodologies address the research objectives.</i></li></ul>	20%
Data Collection, Analysis, and Interpretation <ul style="list-style-type: none"><li><i>The research answers the research questions.</i></li><li><i>The research presents and explains the data trends.</i></li><li><i>The research effectively states a sound conclusion based on the data collected.</i></li></ul>	25%
Coherence of Abstract <ul style="list-style-type: none"><li><i>The progression of the research is presented sequentially.</i></li><li><i>The abstract is comprehensive.</i></li></ul>	15%
TOTAL	100%

### FINALS CRITERIA

Mastery <ul style="list-style-type: none"><li><i>The contestants present their ideas in a clear and concise manner.</i></li><li><i>The contestants show excellent depth in their research.</i></li><li><i>The contestants give insights and understanding of their research.</i></li><li><i>The audience is able to easily grasp the relationships among the ideas in the contestant presentations.</i></li></ul>	30%
Ability to Answer Questions <ul style="list-style-type: none"><li><i>The contestants did not skip any questions.</i></li><li><i>There is a structure in the speech addressing the question.</i></li></ul>	30%
Delivery and Use of Language <ul style="list-style-type: none"><li><i>The contestants demonstrate confidence through their body language and verbal cues.</i></li><li><i>The contestants deliver their presentations with fluency and lively energy.</i></li></ul>	10%
Visual Presentation (For Paper Presentation) <ul style="list-style-type: none"><li><i>The presentation is brief and concise.</i></li><li><i>The flow of the presentation is coherent.</i></li></ul> <i>The presentation holds the attention of the audience.</i>	30%
Poster (For Poster Presentation) <ul style="list-style-type: none"><li><i>The flow of required elements can be easily digested by the audience</i></li></ul>	30%

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<ul style="list-style-type: none"><li>• <i>The pictures and graphics are interesting and engaging, and provide ample support to the research content.</i></li></ul>	
	TOTAL 100%

II. SCIENCE OLYMPIAD

The Science Olympiad competition is one of the exciting highlights of the 2nd Regional STEM Convention: STEMulated! This competition is designed to challenge the scientific knowledge, teamwork, and critical thinking skills of our young STEM enthusiasts from the Cagayan Valley Region. There will be two categories: Junior (Grade 10) and Senior (Grades 11-12).

1. Eligibility

- a. Participants: The competition is open to Grade 10 (Junior Category) and Grade 11 & 12 (Senior Category) students.
- b. Team Composition: Each team must consist of 3 members.
- c. Team Representation: A school can submit a maximum two team per category. Teams must be composed of students from the same grade level (e.g., all Grade 10 students for the Junior Category, and all Grade 11 or Grade 12 students for the Senior Category).

2. Competition Structure

- a. The Science Olympiad consists of two phases:

Phase 1: Elimination Round (Paper and Pencil Test)

- Format: Each member of the team will take an individual quiz.
- Subjects Covered: The quiz will cover topics from various branches of science, including Physics, Chemistry, Biology, Earth Science, and Environmental Science.
- Type of Questions: The test will include multiple-choice questions (MCQs) and short-answer questions.
- Scoring: The scores of all three members will be combined to determine the team's total score.
- Top 10 Teams: The top 10 teams with the highest combined scores will advance to the Final Round.

Phase 2: Final Round (Oral Round)

- Format: Teams will compete in a real-time oral quiz.
- Materials Provided: Each team will be provided with 1 slate board and writing materials.
- Procedure:
  - Teams will have 30 seconds to discuss and write their answers to each question.
  - After the discussion time, teams will present their answers to the judges.
  - The teams shall be ranked based on their total scores in the final round.
  - In the case of a tie, clincher questions shall be given.

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- b. Top 3 Teams: The top 3 teams will win trophies, while the top 5 teams will receive certificates of recognition.
- 3. Team Composition
  - a. Junior Category: Teams must consist of Grade 10 students.
  - b. Senior Category: Teams must consist of Grade 11 or Grade 12 students.
- 4. Rules and Regulations
  - a. Phase 1: Each member will take the quiz individually in the elimination round. Scores will be tallied separately and combined for the team's total.
  - b. Phase 2: Teamwork is essential. Every member must actively contribute during the oral round.
  - c. No External Help: No reference materials, electronic devices, or assistance will be allowed during both phases of the competition.
  - d. Time Limits: Teams must answer within the given time limits during both the written and oral rounds. Failure to adhere to time limits may result in point deductions.
  - e. Academic Integrity: Any form of dishonesty, including cheating or plagiarism, will result in disqualification.
- 5. Prizes and Recognition
  - a. Top 5 Finalists: The top 5 teams in both categories (Junior and Senior) will receive Certificates of Recognition.
  - b. Top 3 Winners: The top 3 teams in each category will receive Trophies to recognize their excellence in the competition.
- 6. For further inquiries or additional information about the Science Olympiad, please contact the event coordinators at [marvinbaccay@usl.edu.ph](mailto:marvinbaccay@usl.edu.ph).

III. MATHEMATICS QUIZ BEE

The Mathematics Quiz Bee is one of the exciting highlights of the 2nd Regional STEM Convention: STEMulated! This competition is designed to challenge the mathematical skills, teamwork, and critical thinking skills of our young STEM enthusiasts from the Cagayan Valley Region. There will be two categories: Junior (Grade 10) and Senior (Grades 11-12).

- 1. Eligibility
  - d. Participants: The competition is open to Grade 10 (Junior Category) and Grade 11 & 12 (Senior Category) students.
  - e. Team Composition: Each team must consist of 3 members.
  - f. Team Representation: A school can submit a maximum two team per category. Teams must be composed of students from the same grade level (e.g., all Grade 10 students for the Junior Category, and all Grade 11 or Grade 12 students for the Senior Category).
- 2. Competition Structure
  - c. The contest consists of two phases:
    - Phase 1: Elimination Round (Paper and Pencil Test)
      - Format: Each member of the team will take an individual quiz.

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- Subjects Covered: The quiz will cover topics from various branches of Mathematics.
- Type of Questions: The test will include multiple-choice questions (MCQs) and short-answer questions.
- Scoring: The scores of all three members will be combined to determine the team's total score.
- Top 10 Teams: The top 10 teams with the highest combined scores will advance to the Final Round.

Phase 2: Final Round (Oral Round)

- Format: Teams will compete in a real-time oral quiz.
  - Materials Provided: Each team will be provided with 1 slate board and writing materials.
  - Procedure:
    - Teams will have 30 seconds to discuss and write their answers to each question.
    - After the discussion time, teams will present their answers to the judges.
    - The teams shall be ranked based on their total scores in the final round.
    - In the case of a tie, clincher questions shall be given.
  - d. Top 3 Teams: The top 3 teams will win trophies, while the top 5 teams will receive certificates of recognition.
3. Team Composition
- a. Junior Category: Teams must consist of Grade 10 students.
  - b. Senior Category: Teams must consist of Grade 11 or Grade 12 students.
4. Rules and Regulations
- a. Phase 1: Each member will take the quiz individually in the elimination round. Scores will be tallied separately and combined for the team's total.
  - b. Phase 2: Teamwork is essential. Every member must actively contribute during the oral round.
  - c. No External Help: No reference materials, electronic devices, or assistance will be allowed during both phases of the competition.
  - d. Time Limits: Teams must answer within the given time limits during both the written and oral rounds. Failure to adhere to time limits may result in point deductions.
  - e. Academic Integrity: Any form of dishonesty, including cheating or plagiarism, will result in disqualification.
5. Prizes and Recognition
- a. Top 5 Finalists: The top 5 teams in both categories (Junior and Senior) will receive Certificates of Recognition.
  - b. Top 3 Winners: The top 3 teams in each category will receive Trophies to recognize their excellence in the competition.
6. For further inquiries or additional information about the contest, please contact the event coordinators at [marvinbaccay@usl.edu.ph](mailto:marvinbaccay@usl.edu.ph).

IV. CLASH OF CONCEPTS

**STEMulated: Think, Create, Evolve**

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**STEMulated: 2<sup>nd</sup> Regional STEM Convention**

The Clash of Concepts competition at the STEMulated: 2nd Regional STEM Convention challenges students' adaptability, creativity, and critical thinking by using materials found within their local environment to create models or prototypes. This activity aims to enhance students' ability to innovate and problem-solve, encouraging them to think outside the box while promoting teamwork and resourcefulness.

1. Eligibility
  - a. Each school may be represented by two competing teams. Team 1 comprised of Grade 10 students.
  - b. Each team shall consist of three (3) participants.
  - c. Teams are to be assigned by their teacher, ensuring that they represent their respective class or school.
2. Materials
  - a. Provided Materials: Each team will receive a box of materials supplied by the event organizers. The exact contents of each box will be made known to the teams before the competition.
  - b. Uniformity: All teams will receive the same set of materials to ensure fairness in the competition.
  - c. Working Table: Each team will be assigned a working table where they will develop their prototype or model.
3. Theme
  - a. Each team will be tasked with creating a product/prototype that aligns with a given theme.
  - b. The theme will be announced at the start of the competition.
  - c. The project should focus on innovation and creative solutions that utilize the materials provided.
4. Event Format

Location: All teams will gather at the outdoor covered court on the designated date and time.

Setup: Each team will be assigned a table with the necessary materials and workspace.

Development Time: Teams will be given 1 hour to develop their model or prototype.

Presentation: After the allotted time, each team will present their product/prototype to the board of judges and the audience.

Judging and Testing: The judges, with the assistance of the organizers, will test the prototypes/products in front of the audience. The testing process will demonstrate the functionality and creativity of each team's output.
5. Judging Criteria

<i>Functionality and Practicality</i>	20%
<i>Creativity and Innovation</i>	20%
<i>Design and Aesthetics</i>	20%
<i>Craftsmanship</i>	20%
<i>Presentation/Delivery</i>	20%
<b>TOTAL</b>	<b>100%</b>

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6. Awards and Recognition
  - a. Top 3 Winners: The top three teams will be awarded certificates and prizes for their exceptional work.
  - b. Certificates of Participation: All participants will receive certificates of participation in recognition of their efforts.

V. The Infomercial Making Competition

This contest aims to challenge students' creativity, communication, and technical skills in producing engaging and informative videos that encourage their peers to pursue the STEM strand and future careers in Science, Technology, Engineering, and Mathematics. This competition provides an exciting platform for students to express their passion for STEM and inspire others to follow a similar path.

1. Eligibility
  - a. The competition is open to STEM students from the Cagayan Valley Region.
  - b. Each entry must consist of a group of 3-5 students.
  - c. Students may participate in teams from their school or form a group from different schools, as long as they are from the same region.
  - d. Each school may submit one entry to the competition.
2. Theme
  - a. The primary goal of the infomercial is to encourage students to take up STEM strand and explore future STEM career paths.
  - b. The infomercial should focus on the benefits of choosing a STEM education and showcase the opportunities available in STEM fields.
  - c. Teams should creatively highlight the various career paths in Science, Technology, Engineering, and Mathematics, using real-world examples, success stories, or STEM innovations.
3. Video Guidelines
  - a. Length – The infomercial video should be between 2 to 3 minutes in length. Strictly no more than 3 minutes; videos exceeding this time limit will be disqualified.
  - b. Format – The video should be submitted in MP4 or MOV format. The video resolution should be HD (1280x720) or higher. Ensure the video has clear audio and that the sound quality is sufficient for audience understanding.
  - c. Content and Style
    - Engaging and Informative: The infomercial should be entertaining, informative, and inspiring, with a balance of factual content and creative storytelling.
    - Clear Message: The central message should focus on why students should consider taking the STEM strand and pursuing a career in STEM. Key points to emphasize include:
      - a. The diverse career opportunities within STEM.
      - b. The relevance of STEM in today's world and future innovations.

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- c. Personal benefits of a STEM education, such as critical thinking, problem-solving, and high earning potential.
    - Visual Appeal: Use visuals, animations, or real-life examples of STEM professionals in action (e.g., engineers, scientists, doctors, programmers).
    - Target Audience: The video should be aimed at junior high school (Grade 7-10) students who are considering their future academic and career paths.
  - d. Creativity and Originality – Creativity in both content and presentation is highly encouraged. Teams are welcome to use humor, animation, dramatic reenactments, interviews with STEM professionals, or visual effects. Avoid plagiarism. All content (scripts, music, images, etc.) should be original or appropriately credited.
4. Technical Guidelines
- a. Audio and Music – Ensure the audio is clear and easily understandable. Avoid background noise or distractions. Royalty-free music or original compositions should be used if music is included in the video. Ensure that any music used is licensed or has permission for use.
  - b. Credits and References – Include a credits section at the end of the video listing all the team members and any resources (e.g., music, images, stock footage) that were used. Acknowledge any external help or materials used in the creation of the video.
  - c. Language – The video should be in English or Filipino, or a combination of both, depending on what best suits the message and target audience. Ensure clarity in both spoken words and on-screen text (if applicable).
5. Submission Requirements
- a. Video Submission: The video must be submitted by email to [marvinbaccay@usl.edu.ph](mailto:marvinbaccay@usl.edu.ph).
  - b. File Naming: The video file should be named as follows: [SchoolName\_TeamName\_Infomercial].
  - c. Deadline: All entries must be submitted by February 22, 2025. Late submissions will not be accepted.
  - d. Teams must include in the submission email the ff:
    - Team members' names and contact information.
    - School name and contact information.
    - Brief description of the video content and concept (max. 200 words).
6. Judging Criteria
- a. The judges will evaluate the videos based on the following criteria:

Creativity and Originality	30%
Clarity and Message	30%
Visual and Audio Quality	20%
Engagement and Appeal	10%
Adherence to Theme	10%
<b>TOTAL</b>	<b>100%</b>



**UNIVERSITY OF SAINT LOUIS TUGUEGARAO**  
**BASIC EDUCATION SCHOOL**

**STEMulated: 2<sup>nd</sup> Regional STEM Convention**

7. Awards and Recognition
  - a. Top 3 Winners: The top three teams will receive certificates of recognition and trophies.
  - b. Special Awards: Special awards may be given for categories such as Best Use of Animation, Most Creative Video, or Best Cinematography.
  - c. Certificates of Participation: All participants will receive a certificate of participation.
8. General Rules
  - a. Respect Copyright: Ensure that all materials (images, music, videos, etc.) used in the video are either original, licensed, or public domain. Any form of plagiarism will result in disqualification.
  - b. Respectful Content: The content of the video should be appropriate for a school environment. Offensive, inappropriate, or insensitive content will not be tolerated.