

BINARY BOTS 2.0

FROM THE DESK OF THE DIRECTOR- PRINCIPAL

Dear Principal,

We are delighted to invite you to the IT Fest, 'Binary Bots 2.0', conceptualised by the IT Club, Unparalleled DevOps of Lotus Valley International School, Gurugram. The online event is scheduled on August 06, 2022 aligned with the theme "The Global Realities Of Cybersecurity - Changing Our World".

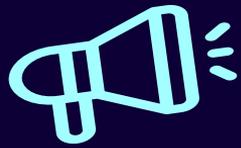
The Fest aims to stimulate the technophiles and technoids to delve deeper into the unseen perplexities, and explore and ignite their young minds with the mystic world of Animations, Coding, Quizzing, Gaming and much more!

A bouquet of edifying and participative events has been conceptualized to provide a discerning platform to students of grades IV to XII to display and sharpen their computer skill, test their ability and bring out the best in them. The registration is on online mode, and shall remain open till July 20, 2022.

We look forward to the active and enthusiastic participation of your learners in making this Fest a truly joyful learning experience.

With Warm Regards,
Anita Malhotra
Director-Principal
Delhi State & CBSE National Awardee





GENERAL INSTRUCTIONS



- ✓ Binary Bots 2.0 - Inter school online competition on 6th August 2022 i.e. Saturday.
- ✓ No student can participate in more than one event.
- ✓ Last of Registration 20th July 2022 i.e. Wednesday.
- ✓ Teams will not be allowed to edit the participant names after the registration, under any circumstance.
- ✓ Participation in all the events is mandatory to qualify as the Best Participating School. However, the school can choose to take part in selected events too.
- ✓ Entries for all events must be submitted from registered school email id only.
- ✓ It is mandatory for participants to join the shared Discord server before 20th July 2022 (<https://discord.gg/bhBh99DZqH>).
- ✓ All the entries should be named as the "EVENT_NAME_School Name.
- ✓ Winner team(s) will be allotted e-certificates via their official email Id(s).
- ✓ The decision of the judges will be final.
- ✓ Zoom application would be used as virtual platform for the events (Zoom link will be shared with all the schools a week prior to the event).
- ✓ All participating schools to join-in on 6th August, 2021 for the mega culmination ceremony, wherein address by the Host Principal, screening of the winning videos, announcement of winners, virtual crowning of the Best Participating School, and much more awaits! Further details on timing and link shall be shared in due course.
- ✓ The link for Valedictory Ceremony will be shared with the participating schools a day prior to the ceremony.
- ✓ For further information, please visit the school website <https://www.lotusvalleygurgaon.com> or contact the respective event in-charges between 4:00pm-5:00pm.



EVENT CHRONOLOGY



**REGISTRATIONS
OPEN ON:
25th JUNE ,2022**

**REGISTRATIONS
CLOSE ON :
20TH JULY,2022**

**DATE OF EVENT :
6TH AUGUST,2022**

**RESULT
DECLARATION:
6TH AUGUST ,2022**



IMPORTANT LINKS



[REGISTRATION LINK](#)

[FACEBOOK LINK](#)

[INSTAGRAM LINK](#)

[DISCORD LINK](#)



EVENT DETAILS



EVENT-1: LENSATION

EVENT-2: WARRIORS OF VERDANSK

EVENT-3: PARALLAX ENGINE

EVENT-4: CAPTURE THE FLAG

EVENT-5: PROCODR

EVENT-6: RADVERTISEMENT

EVENT-7: CHASE TO CUT

EVENT-8: NOTION DISCOURSE

EVENT-9: E-TOYCATHON

EVENT-10: DIGITAL MONTAGE

EVENT-11: DO ME A CARD

EVENT-12: CODERS CHEF



EVENT-1: LENSATION



Photography

Miniature Photography is simply one form of photographic artistry to mix the real with the surreal. Your task is to capture any miniature object with the theme - "larger than life", this prompt is intentionally open ended.

Participants: 2 teams of 1 participant each per school
Eligibility: Grades VIII - XII
Theme: Miniature photography

Instructions

- ✓ DSLR photography only
- ✓ Editing - Only colour correction allowed, no photo manipulation allowed.
- ✓ Software allowed: Lightroom

Submission Details

- ✓ ROUND 1 - A high resolution .jpeg file should be sent to binarybots@lotusvalleygurgaon.com as a Google drive link by 30th July, 2022. Subject of the email should be "LENSATION - School Name".
- ✓ The names of the participants should be clearly mentioned in the body of the email.
- ✓ ROUND 2 - Top five entries will be presented on the day of the event.

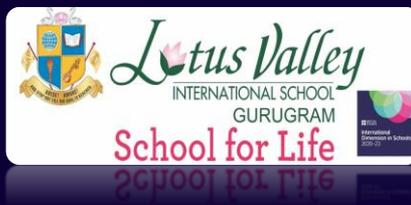
Judgement Criteria

- * Creativity and adherence to theme
- * Composition of shot
- * Originality of concept
- * Colour, lighting, exposure, and focus





EVENT-2: WARRIORS OF VERDANSK



Gaming

Nothing brings gamers together like a bit of competition. Video games engender amazing amounts of community and togetherness. The e-sports craze has inspired some of the most heated competitions the world has ever seen, and it's only getting bigger.

Participants: 2 teams of 3 participants each per school
Eligibility: Grades VIII - XII
Game: Call Of Duty (War Zone)



Instructions:

- ✓ Each team will have a "Representative" who will coordinate and communicate for their team.
- ✓ A dedicated discord server will be made which can be joined by all the participants, however, only the representative will be allowed to send messages.
- ✓ One member from each team will be required to stream their gameplay on either YOUTUBE, TWITCH, or FACEBOOK GAMING and provide the link to their streaming platform.
- ✓ This is to ensure that none of the teams is using unfair means or MODs while playing the game to give them a competitive advantage. Along with this, some of the items in-game will be restricted to use (might change due to future updates).
- ✓ For evaluation of the match points, the representative to send a picture/photo of their rank in each match along with team stats.
- ✓ Streams must include video and all audio. This includes but is not limited to, game audio and full team communications (when feasible).



EVENT-3: PARALLAX ENGINE



Web Development

Your team is the lead web development team at 'The Parallax Engine', an upcoming start-up organization that is in the business of quantitative analysis. Organization uses Artificial Intelligence and Data Science techniques to forecast profitable stock investments for your customers. Develop a single-page, scroll-down landing site for your start-up. Design all necessary graphics and artwork as well, this should include: Logo, Typography, Colour Palette, UI/UX mock-ups, Advertising Content.

Participants: 1 team of 3 participants each per school

Eligibility: Grades VIII - XII

Instructions

- ✓ Languages/Stack to be used: HTML/CSS/JS, Bootstrap
- ✓ Professional design software allowed only (use of Canva not allowed)
- ✓ .psd, .xd, .ai files to be shared in submission

Submission Details

An email should be sent to binarybots@lotusvalleygurugram.com as a Google drive link by 30th July 2022. Subject of the email should be "THE PARALLAX ENGINE - school name".

The email body should comprise of the names of individual participants and link to the Google drive folder named same as the subject line.

The Google drive folder should encompass of two sub-folders: Web Development - This should include the link of your GitHub repository including Logo, Typography, Colour Palette, UI/UX Mock-ups, Advertising content with the corresponding .psd, .xi, .ai files

Judgement Criteria

- * The design and practicality of the webpage
- * Brand Identity

- * Aesthetics and visual appeal
- * The technical accuracy of the content





EVENT-4: CAPTURE THE FLAG



Classified

With the ever-rising need for cybersecurity experts, there has never been a better time to become an ethical hacker. If you have ever grown up wanting to be a hacker, now is the time to start working on your dream. Companies hire ethical hackers to find and patch up security flaws in their systems, so as to prevent cybercriminals from being able to hack them. In this event, we have a special lab where the students get to hack a computer, exploit various vulnerabilities and gain access to it.

Participants: 1 team of 2 participants each per school

Eligibility: Grades IX - XII

Skills : Cybersecurity and Hacking

Resources:

Metasploit, SSH, Nmap, Kali Linux, Apache





EVENT-4: CAPTURE THE FLAG

Instructions

- ✓ The contestants will be required to use hacking tools or linux based distros to capture the flag.
- ✓ The machine will be designed on a certain vulnerability which the contestants will be exploiting.
- ✓ Details and information about the possible vulnerabilities will be shared prior to the competition for preparation.
- ✓ Discord server invites will be shared 2 weeks prior via email.
- ✓ Any tool of your choice is allowed including the listed tools in the resources.
- ✓ There will be live support and hints given when necessary.
- ✓ Browser access is allowed.
- ✓ The event duration would be 1-2 hours.
- ✓ All participants would be required to share their screens during the event on the discord channel.
- ✓ Difficulty of the challenge will increase gradually as one progresses.
- ✓ Questions about your thought process after completion of the challenge may be asked.

Judgement Criteria

- * Speed
- * Accuracy
- * Penetration testing skills
- * Thought process
- * Technical finesse





EVENT-6: RADVERTISEMENT



Marketing

As far back as Ancient Egypt, advertising has served a critical purpose in the business world by enabling sellers to effectively compete with one another for the attention of buyers. Whether the goods and services your company provides are a necessity, a luxury or just a bit of whimsy, you can't rely on a one-time announcement or word-of-mouth chatter to keep a steady stream of customers. A strong commitment to advertising is as much an external call to action as it is an internal reinforcement to your sales team.

Create an advertisement of less than 45 seconds of any gadget in your home.

Participants: 1 team of 3 participants each per school

Eligibility: Grades IX - XII

Instructions

- ✓ Animated typography must be used
- ✓ No plagiarism allowed, but copyrighted music may be used
- ✓ No stock footage allowed
- ✓ At least two unique features of the gadget must be shown and emphasised on.
- ✓ Softwares allowed: Adobe After Effects, Adobe Premiere Pro, Blender, Cinema 4D

Submission Details

ROUND 1 - A high resolution .mp4 or .mov file should be sent to binarybots@lotusvalleygurgaon.com as a Google drive link by 6th August 2022. Subject of the email should be 'Radvertisement - School Name'.

The names of the participants should be clearly mentioned in the body of the email.

ROUND 2 - Top five entries will be presented on the day of the event.

Judgement Criteria

- * Quality of Animation
- * Ability to grab attention
- * Impact of the advertisement
- * Overall Marketing Performance





EVENT-7: CHASE TO CUT



Film-making

If a picture can say a thousand words, imagine what a video can do. It's time to wear our creative hats and infuse the box of entertainment with expressiveness & imagination. Create a short film of less than 3 minutes on the theme "Time".

Participants: 1 team per school of up to 4 members

Eligibility: Grades IX-XII

Time limit: under 3 minutes

Rules:

- ✓ No copyrighted music allowed
- ✓ No use of stock footage
- ✓ No use of an automated editing softwares
- ✓ No plagiarism
- ✓ Sub titles must be included for dialogues and voice overs
- ✓ Credit sequence must be included

Instructions should be strictly adhered to else participant will be disqualified.

Submission Details:

ROUND 1 -

- ✓ A high resolution .mp4 or .mov file should be sent to binarybots@lotusvalleygurugram.com as a Google drive link by 30th July 2022.
- ✓ Subject of the email should be 'CHASE TO CUT'- School Name'.
- ✓ The names of the participants should be clearly mentioned in the body of the email.

ROUND 2 - Top five entries will be presented on the day of the event.

Judgement Criteria:

- ✓ Creativity and adherence to theme
- ✓ Composition of shots and cinematography
- ✓ Editing (flow of the video + colour correction + sound design)
- ✓ Acting performances





EVENT-8: NOTION DISCOURSE



Debate and Declamation

Debate is a social way of expressing one's point of view on a topic. It teaches students how to accept different point of views on the same topic. They learn to agree to disagree, may find a way to solve an issue, and also learn how to compromise with others.

Debate on a topic from the one of the given categories:

Metaverse or Artificial intelligence or Human interaction with technology

Participants: 1 team of 2 participants each per school

Eligibility: Grades IX-XII

Structure of Debate

ROUND 1 (Declamation): A random topic will be given to each team related to which one member has to present a short speech of max.1 min. On the judgement of that, only 32 teams will qualify for ROUND 2.

ROUND 2 (Debate): A broad case will be chosen & topics under that will be formed.

Structure of Debate:

- ✓ Parliamentary style of debate
- ✓ In each round, 2 teams will debate on their respective stance
- ✓ The stance (for or against) will be decided with a coin toss, the team winning the toss, will choose its stance
- ✓ 5 minutes will be given for discussion & research after toss

Qualifier debates:

- 1st speaker from the team for the motion
- 1st speaker from the team against the motion
- 2nd speaker from the team for the motion
- 2nd speaker from the team against the motion

Semi-final debate:

- 1st speaker from the team for the motion
- 1st speaker from the team against the motion
- 2nd speaker from the team for the motion
- 2nd speaker from the team against the motion
- Rebuttal from the team for the motion
- Rebuttal from the team against the motion

Final debate:

- 1st speaker from the team for the motion
- 1st speaker from the team against the motion
- 2nd speaker from the team for the motion
- 2nd speaker from the team against the motion
- Rebuttal from the team for the motion
- Rebuttal from the team against the motion
- Rebuttal from the judge's panel

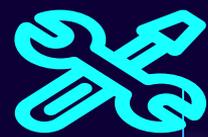
Rules:

- ✓ Time duration: 60 seconds for opening speech, 60 seconds for rebuttals and 45 seconds closing statements for each team.
- ✓ Rebuttals will only be held in the Semi-final and the Final round.
- ✓ Each round will be an elimination one. Based on the marking by the judges, only the top teams (half of the total) will qualify into the next round and so on.

Judgment Criteria

- ❖ Content relevance
- ❖ Technical knowledge of the subject
- ❖ Style of debating
- ❖ Structure of speech and method





EVENT-9: E-TOYCATHON

Toy Creation- Responsible Consumption & Production

Sustainable consumption and production is about promoting resource and energy efficiency, sustainable infrastructure, and providing access to basic services, green and decent jobs and a better quality of life for all.

Participants: 1 team of 2 participants per school

Eligibility: Grades IV - VIII

Software : Microsoft PowerPoint & any video editing tool

Skills Enhanced :Linguistic-Verbal Intelligence, Bodily- kinaesthetic Intelligence, Interpersonal & Intrapersonal Intelligence, Naturalistic Intelligence.

Instructions

- ✓ Design a physical toy using E- waste (20% waste material can be).
- ✓ Make a video of making of toy and its working, which includes material used and steps to play with the toy.
- ✓ Present using Microsoft PowerPoint with embedded movie.

Submission Details

- ✓ An email should be sent to binarybots@lotusvalleygurugram.com as a Google drive link by 30th July 2022. Subject of the email should be 'E-TOYCATHON - school name'.
- ✓ The email body should comprise of the names of individual participants and link to the Google drive folder named same as the subject line.

Judgement Criteria

- | | |
|----------------------------|---|
| * Creativity & Originality | * Technical Execution, Overall Presentation |
| * Accuracy | * Relevance of Theme |





EVENT 10: DIGITAL MONTAGE

Digital Mosaic Of A Famous Personality

Photomontage work includes various types of image editing in which multiple photographs are cut up and combined to form one new image. This can involve cutting up printed images, which is how magazine editors used to design publications before digital design software existed – creating layouts called pasteups.

Participants: 1 team of 2 participants per school

Eligibility: Grades IX – XII

Instructions

- ✓ Participants have to create a Digital Mosaic Portrait of the person using several other photographs or artworks or news cutting related to that person.
- ✓ Minimum number of photographs to be used is 100. Maximum number of photographs to be used is 500.
- ✓ Resemblance to any such Digital Mosaic Portrait available on internet will lead to disadvantage at the time of judgement.

Submission Details

- ✓ An email should be sent to binarybots@lotusvalleygurugram.com as a Google drive link by 30th July 2022. Subject of the email should be "DIGITAL MONTAGE- school name".
- ✓ The email body should comprise of the names of individual participants and link to the Google drive folder named same as the subject line.
- ✓ Participants need to submit the final portrait in high resolution output file (.jpeg, .png with 1920 x 1920 pixels) as the work file and reference photograph/painting for the portrait.

Judgement Criteria

- * Merit of the artwork
- * Creative skills, technical fineness
- * Use of photograph and references
- * Originality of work





EVENT 11: DO ME A CARD



Digital E- Card

An ecard is a 'card' or design with a greeting that's sent via the internet or email to a recipient so that they can view it on their computer or print it out.

Participants:	2 teams of 2 participants per school
Eligibility:	Grades IV – VI
Tool:	Microsoft Word and PowerPoint
THEME-	Clean water and Sanitization

Instructions

- ✓ Card should be designed using the theme in mind
- ✓ Plagiarism/using readymade templates is prohibited
- ✓ Portrait or landscape mode can be used as per choice.
- ✓ Images downloaded from the internet can be used.

Submission Details

- ✓ An email should be sent to binarybots@lotusvalleygurugram.com as a Google drive link by 30th July 2022. Subject of the email should be "DO ME A CARD- school name".
- ✓ The email body should comprise of the names of individual participants and link to the Google drive folder named same as the subject line.
- ✓ Participants need to submit the final portrait in high resolution output file(.jpeg, .png with 1920 x 1920 pixels) as the work file and reference photograph/painting for the portrait.

Judgement Criteria

- *Design Creativity with image quality
- *Originality
- * Overall Presentation





EVENT 12: CODERS CHEF



Digital Story Telling using Scratch

A story project is a project in which a story is told. These can range from interactive stories, where users make their own story, to talk shows, where animated characters talk to each other. They are rare as they often fall into the animation category.

Participants:

2 teams of 2 participants per school

Eligibility:

Grades IV- VI

THEME-

One fine morning you get up and realize that you have become prime minister for one day!! Write a story about your day.

Instructions

- ✓ Your story should be an original work.
- ✓ Use of text, images and music is encouraged.
- ✓ The length of the story should be between 3-8 pages.

Submission Details

- ✓ An email should be sent to binarybots@lotusvalleygurgaon.com as a Google drive link by 30th July 2022. Subject of the email should be 'CODERS CHEF- school name'.
- ✓ The email body should comprise of the names of individual participants and link to the Google drive folder named same as the subject line.
- ✓ Participants need to submit the final entry with both the scratch file and story video.

Judgement Criteria

- * Content design and grammar
- * Originality

- * Creativity and overall presentation
- * Relevance to theme





CONTACT US

TEACHER IN-CHARGES



LENSATION
Ms. Poornima Singh
+919711722060

WARRIORS OF VERDANSK
Ms. Aarushi Sharma
+919729520122

PARALLAX ENGINE
Ms. Kirti Hora
+918975751353

CAPTURE THE FLAG
Ms. Preeti Bala
+918920489055

PROCODER
Ms. Kirti Hora
+918975751353

RADVERTISEMENT
Ms. Neha Nigam
+918920889130

CHASE TO CUT
Ms. Neha Nigam
+918920889130

NOTION DISCOURSE
Ms. Poornima Singh
+919711722060

E-TOYCATHON
Ms. Vidhu Arora
+918126861496

DIGITAL MONTAGE
Ms. Vidhu Arora
+918126861496

DO ME A CARD
Ms. Preeti Bala
+918920489055

CODERS CHEF
Ms. Aarushi Sharma
+919729520122

STUDENT COORDINATORS

MUSKAN DAHIYA

binarybots@lotusvalleygurgaon.com

+917093501395

ATIN GUPTA

binarybots@lotusvalleygurgaon.com

+9198863 28460