



Fivekanand School

D Block, Anand Vihar, Delhi - 110 092

VS/SW/2023-24/Cir-23

Date: 23-Apr-2023

Information Brochure for Technowiz 2023

Dear Parent

Namaskar!

I hope this letter finds you and your family in good health and spirit.

I am excited to announce yet another edition of our annual IT event, TechnoWiz 2023, which will be taking place on **Thursday, 27 April 2023**, at various venues. This year we have a variety of exciting activities planned for the days that will test your understanding in the IT arena.

During the event, your ward will have the opportunity to participate in various competitions, including aeromodelling challenges, coding, video editing, debate, quiz, image editing competitions and many such competitions.

We encourage all the students to participate in the activities, who have interest in the field of IT. It's a chance to showcase your skills and creativity, and we can't wait to see what you come up with!

Registration for the event is open now, so don't delay in getting yourself registered by clicking on the following Google Form link, **latest by Tuesday, 25 April 2023**:

<https://forms.gle/743as9iVc1AjgowDA>

We look forward to seeing you at TechnoWiz 2023!

Poonam Sharma

(Principal Officiating)

TECHNOWIZ 2023
॥ तेजस्विता च सृजनात् समागमः ॥
Where Technology meets Creativity

EVENT SCHEDULE

| Thursday, 27 April 2023 | | | | | |
|-------------------------|--------------------------|------------|---------------------|----------------------|------------------|
| Event Name | Event | Classes | Teacher Incharge | Venue | Timings |
| AeroMatix | Aeromodelling Sr | IX, X | Mr Anant | Bio Lab | 7:30 - 9:30 am |
| AeroMatix | Aeromodelling Jr | VI-VIII | Mr Anant | Bio Lab | 10:00 - 12:00 pm |
| IdeaFactory | Group Discussion | VI-VIII | Ms Teena Sharma | Language Lab | 7:30 - 9:30 am |
| MasterMindz | IT Quiz | IX, X | Mr Tanveer Ahmed | Language Lab | 10:00 - 12:00 pm |
| CreativeCanvas | Poster making | VI-VIII | Ms Anuradha Thukral | Middle Comp Lab | 7:30 - 9:30 am |
| GameMakers | Gamer's Paradise | VI-VIII | Ms Anuradha Thukral | Middle Comp Lab | 10:00 - 12:00 pm |
| Shunya Bug Drive | Debugging | XII | Mr Tanveer Ahmed | Primary Computer Lab | 7:30 - 9:30 am |
| PyCodeClash | Programming | XII | Mr R. K. Tiwari | Senior Comp Lab | 10:00 - 12:00 pm |
| Beyond the Frames | Event Intro Video Making | IX, X, XII | Mr R. K. Tiwari | Senior Comp Lab | 7:30 - 9:30 am |
| CyberTalks | Debate | IX, X, XII | Ms Teena Sharma | Sr Library | 10:00 - 12:00 pm |

EVENT DETAILS

AeroMatix - Aero modelling Jr

Description :

- Hands-on building and flying activities.
- Participants are required to build paper aircraft.
- They must make sure to fly them safely and responsibly.

Teacher Incharge : Mr Anant

Venue : Bio Lab

Date & Timings : 27 April 2023 from 8:00 - 9:00 am

Duration : 1 hour

Classes : VI-VIII

Number of Students per team : 2

Material Required :

- A4 sheets (will be provided by the school)
- Sharpened Pencil or pen, a scale/ruler to be carried by every student

Judgment Criteria :

- Dynamics
- Presentation
- Creativity
- Flying Performance
- Time Taken

AeroMatix - Aero modelling Sr

Description :

- Hands-on building and flying activities.
- Participants are required to build paper aircraft.
- They must make sure to fly them safely and responsibly.

Teacher Incharge : Mr Anant

Venue : Bio Lab

Date & Timings : 27 April 2023 from 10:00 - 11:00 am

Duration : 1 hour

Classes : IX & X

Number of Students per team : 2

Judgment Criteria :

- Dynamics
- Presentation
- Creativity
- Flying Performance
- Time Taken

IdeaFactory - Group Discussion

Description :

- Exchange ideas, share perspectives, and come to a collective conclusion.
- Students to contribute by sharing their ideas, asking questions, and listening to others.
- Students to prepare for the discussion by researching the topic, taking notes, and organizing their thoughts.
- Time allotted to each participant initially, and then justifying and challenging each others points
- Teacher incharge to take the lead in the discussion and ensure that the conversation remains respectful, productive, and on-topic.

Teacher Incharge : Ms Teena Sharma
Venue : Language Lab (above auditorium)
Date & Timings : 27 April 2023 from 7:30 - 9:30 am
Duration : 2 hours
Classes : VI-VIII
Number of Students per team : 1
Topic : Impact of social media on Mental Health
Judgment Criteria :

- Content
- Communication skills
- Relevance to topic
- Creativity

MasterMindz - IT Quiz

Description :

- Preliminary round will be conducted for registered students only. Details of the same will be shared once the registration process gets over.
- It will be an objective question based test, for all who are interested to take part in the activity.
- Short listing to be done on the basis of the marks secured.
- Top 12 contestants will be put into six groups for the FINAL round.
- The Finals to be conducted based on various rounds:
 - Image – Questions related to images to be asked
 - Video – Questions related to videos to be asked
 - Rapid fire – Multiple objective type questions to be asked within a stipulated time span.

Teacher Incharge : Mr Tanveer Ahmed
Venue : Language Lab (above auditorium)
Date & Timings : 27 April 2023 from 10:00 am - 12:00 pm
Duration : 2 hours
Classes : IX & X
Number of Students per team : 2
Topic : IT related topics
Judgment Criteria :

- Accumulated points scored in various rounds

CreativeCanvas - Poster Making

Description :

- Contestants have to design a poster as per the theme.
- Theme for the event will be specified on the spot.
- The students will be put into a team of 2 members each.

Teacher Incharge :

Ms Anuradha Thukral

Venue :

Middle Comp Lab

Date & Timings :

27 April 2023 from 7:30 - 9:30 am

Duration :

2 hours

Classes :

VI-VIII

Number of Students per team :

2

Software to be provided at the venue :

Canva

Topic :

To be provided on the spot

Judgment Criteria :

- Creativity and Originality
- Relevance to the theme
- Visual appeal
- Technical skills

GameCreators - Gamer's Paradise

Description :

The students will be given one activity on Scratch for the competition. Any version of Scratch can be used. The theme is 'Clean Our Ocean'. The aim is to program the diver character to save the fish by collecting the rubbish. We've set up a template to get you started. Now it's up to you to determine exactly how it works. You have to code the parts to the game. Program the diver to move and collect the rubbish (rubbish must disappear when touched by the diver), making some sound. Program the rubbish items to fall from top. Add minimum 2 and maximum 4 different rubbish items. Program the fish to swim in water constantly at random positions at bottom of the ocean only. If any rubbish item touches the fish, there must be sound, the fish should disappear and the game must stop. Add score to the game. Set it to zero every time a new game starts and increase score by one every time the diver catches a rubbish item. Take the template and develop your own, unique game, based on the 'Clean Our Ocean' theme. Add some surprises and challenges to the playing of your game, like a title page and instructions, new elements and actions, or different levels. A demo of the game will be given to the students on the day of competition so that they have a clear idea of what has to be done. The students must use the mentioned objects only (like diver and fish). For rubbish items any four relevant items can be selected. Students can use the sprites/backdrop from the Scratch Library or import from computer or create their own sprites/backdrop.



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| Teacher Incharge | : Ms Anuradha Thukral |
| Venue | : Middle Comp Lab |
| Date & Timings | : 27 April 2023 from 10:00 am - 12:00 pm |
| Duration | : 2 hours |
| Classes | : VI-VIII |
| Number of Students per team | : 2 |
| Software to be provided at the venue | : Scratch |
| Topic | : Under ocean life |
| Judgment Criteria | : |
| | <ul style="list-style-type: none">• Coding skill• Creativity & wow factor• Playability• Whether followed all the instructions given for the project or not• Time taken |

Shunya Bug Drive - Debugging

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| Description | : |
| | <ul style="list-style-type: none">• The Problem Statement will be given to each team with a Hard/ Soft copy of incorrect code.• There will be two codes consisting some syntax, logical and runtime errors,• No paper is allowed to be used for the event by the participants. |

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| Teacher Incharge | : | Mr Tanveer Ahmed |
| Venue | : | Primary Computer Lab |
| Date & Timings | : | 27 April 2023 from 7:30 - 9:30 am |
| Duration | : | 2 hours |
| Classes | : | XII |
| Number of Students per team | : | 2 |
| Software to be provided at the venue | : | Python 3.9 |
| Topic | : | Any logical problem |
| Judgment Criteria | : | |
| | | <ul style="list-style-type: none"> • Accuracy • Time taken • Methodology • Code readability • Creativity |

PyCodeClash - Programming

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| Description | : | |
| | | <ul style="list-style-type: none"> • Participants will be provided with a LOGICAL PROBLEM, for which they will be required to write a program to solve the problem. • Students applying for the event will be put in teams of two. |

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| Teacher Incharge | : | Mr R. K. Tiwari |
| Venue | : | Senior Comp Lab |
| Date & Timings | : | 27 April 2023 from 10:00 am - 12:00 pm |
| Duration | : | 2 hours |
| Classes | : | XII |
| Number of Students per team | : | 2 |
| Software to be provided at the venue | : | Python 3.9 |
| Topic | : | Any logical problem |
| Judgment Criteria | : | |
| | | <ul style="list-style-type: none"> • Successful completion • Time taken |

Beyond the Frames - Event Intro Video Making

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| Description | : | |
| | | <ul style="list-style-type: none"> • Participants to be shown a sample intro video • They have to create a unique and engaging video based on the specific theme. • They will be given an event title for which they have to create the intro video |

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| Teacher Incharge | : Mr R. K. Tiwari |
| Venue | : Senior Comp Lab |
| Date & Timings | : 27 April 2023 from 7:30 - 9:30 am |
| Duration | : 2 hours |
| Classes | : IX, X & XII |
| Number of Students per team | : 2 |
| Software to be provided at the venue | : Canva, VSDC, ProShow |
| Topic | : To be provided on the spot |
| Judgment Criteria | : |
| | <ul style="list-style-type: none"> • Storyline • Creativity • Originality • Technical aspect • Time taken |

CyberTalks - Debate

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| Description | : |
| | <ul style="list-style-type: none"> • This will be a discussion or argument between two participants • Each participant will be given a set amount of time to present their argument, followed by a rebuttal from the opposing team or individual. • One participant will speak "For" and the other "Against" the motion • Use of any offensive / objectionable language, political / religious comments, are strictly not allowed |

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| Teacher Incharge | : Ms Teena Sharma |
| Venue | : Sr Library |
| Date & Timings | : 27 April 2023 from 10:00 - 12:00 pm |
| Duration | : 2 hours |
| Classes | : IX, X & XII |
| Number of Students per team | : 1 |
| Topic | : Will ChatGPT do more harm than good? |
| Judgment Criteria | : |
| | <ul style="list-style-type: none"> • Content • Communication skills • Relevance to topic • Response to opponents |