

TechQuest 2024

Welcome to TECHQUEST 2024!

In an era where technology is at the forefront of every industry, we invite you to immerse yourself in a vibrant celebration of innovation and creativity at TECHQUEST. This computer fest is designed for enthusiastic students, providing a platform to explore the multifaceted world of technology through a series of engaging events. From programming to photo editing, sound mixing to movie making, and even quizzing on tech trivia, TECHQUEST promises an enriching experience that caters to diverse interests.

This is an inter house event, so the house teachers and house captains should work in coordination to bag as many events as possible.

List of Events

1. **CodeZilla (Programming Event)**
2. **Kill D Bug (Debugging Event)**
3. **Digital Rembrandt (Photo Editing)**
4. **Fade The Track (Sound Mixing)**
5. **Frame em (2D Animation on Flash)**
6. **From The Scratch (2D Animation on Scratch)**
7. **Animatrix (3D Animation)**
8. **TechQuiz (Quiz)**
9. **Digital Playground (Computer Gaming)**
10. **Pixelated (ASCII ART)**
11. **Slide Master (Power point Presentation)**
12. **Weave the Web (Web Designing)**
13. **Cinematic Cuts (Movie Making and Editing)**

CodeZilla

This is a programming event. This event will comprise of problems with different difficulty levels with marks accordingly.

Duration: 2Hrs.

Venue: Computer Lab

Team: A maximum of two teams can be send by a house. Each team can have a maximum of two students. One computer per team will be provided.

Language: Java

Software: notepad, sublime text.

Kill D Bug

This is a debugging event where the teams will have to correct a code. The event will provide codes written in java that may have missing statements or jumbled up statements or syntax errors or logical errors.

Duration: 2Hrs.

Venue: Physics Lab.

Team: one student per house.

Language: Java

Software: None, Event will be judged on paper.

Digital Rembrandt

This is a photo editing event where the teams will be given a similar bunch of assorted images, and they will have to use them and their skills to achieve the task given on the D-Day.

Duration: 2Hrs.

Venue: Computer Lab.

Team: A maximum of two teams can be send by a house. Each team can have one student. One computer per team will be provided.

Software: Adobe Photoshop cs6, Ms-Paint

Fade The Track

This is a sound mixing and editing event where the teams will be provided with as selection of songs and sounds. Students will have to mix and/or edit them to give a **sound** output.

Note: Students will have to carry their own headphones.

Duration: 2Hrs.

Venue: Computer Lab.

Team: 1 student per house.

Software: Acid Pro, Audacity, Fl-Studio

Frame em

This is a 2 D animation event to be conducted on Macromedia Flash. Teams will be given a topic on the spot, and they will be expected to produce an animation on the said topic.

Duration: 2Hrs.

Venue: Computer Lab.

Team: A maximum of 2 teams can be sent by a house. Each team can have 1 student. 1 computer per team will be provided.

Software: Macromedia Flash

From The Scratch

This is also a 2 D animation event where the students will be provided with Scratch Software. The students will be expected to perform the task given to them on the spot.

Duration: 2Hrs.

Venue: Computer Lab.

Team: A maximum of 2 teams can be sent by a house. Each team can have 1 student. 1 computer per team will be provided.

Software: Scratch

Animatrix

This is a 3 D animation event in which the students will be working on 3 D animation software to get the desired task, given to them on the spot.

Duration: 2Hrs.

Venue: Computer Lab.

Team: 1 student per house.

Software: Blender.

TechQuiz

This is a quizzing event, which will be restricted to computer and tech related questions. The event will have two rounds. First round will be on computer, where students will be answering questions displayed on their screens. Top four teams will be moving up to the on-stage round for some very exciting rounds.

Duration: Preliminary round 1 Hr. On-Stage Round 2Hrs.

Venue: Preliminary round in Computer Lab. On-Stage round in Auditorium.

Team: A maximum of 3 teams per house. 1 team must have 2 students.

Digital Playground

This is a computer gaming event which will have two categories, Junior (V – VIII) and Senior (IX – XII). The teams will play computer games to compete and win.

Duration: Both Jr. and Sr. rounds will be of 2Hrs. each.

Venue: Computer Lab.

Team: A maximum of 3 students per house, per category.

Pixelated

This is an event on ascii art, where teams will be given only a text editing software to draw with characters on keyboard.

Duration: 2Hrs.

Venue: Computer Lab.

Team: 1 Student per House.

Software: notepad.

Slide Master

This is an event for students from classes 5 to 8 only. The participants will be given a topic, and some matter related to it. The participants are expected to create a PowerPoint presentation on the given topic.

Duration: 2Hrs.

Venue: Computer Lab.

Team: 1 Student per House.

Software: PowerPoint.

Weave the Web

This event is about designing of a website on a topic that will be given. Teams will be expected to make the website using only HTML and CSS. No scripting will be allowed. The website should be deposited in the form of a compressed file.

Duration: 1Day.

Team: 1 Student per House.

Cinematic Cuts

This event is about making and editing of a movie. Teams will be given a choice of genre 1 week prior to the event. All the shooting of the scenes should be done during this week. The compilation and editing will be done on the day of the event. All shooting must be done indoors.

Duration: 1 Week for shooting. 2 Hrs. for editing.

Venue: Computer Lab. (for editing)

Team: 2 Student per House.

Software: Adobe Premier Pro, Adobe After Effects.

Schedule of the Events

Day 1				
08:30	Pixelated	TechQuiz (Pre)	CodeZilla	Digital Rembrandt
09:00				
09:30				
10:00				
10:30				
11:00				
11:30				
12:00				
12:30				
13:00				
13:30	From The Scratch	Kill D Bug	Fade The Track	
14:00				
14:30				
15:00				
15:30				
16:00				
16:00				
16:00				
Day 2				
08:30	Weave The Web	Animatrix	Digital Playground (Jr. & Sr.)	Cinematic Cuts
09:00				
09:30				
10:00				
10:30				
11:00				
11:30				
12:00				
12:30				
13:00				
13:30	Frame em	Slide Master	TechQuiz(Final)	
14:00				
14:30				
15:00				
15:30				
16:00				
16:00				
16:00				

Point System

Position	Points
1st	40
2nd	30
3rd	20
4th	10

Important

- House must make sure that a participant's events do not clash.
- Names of the final participants and their events must be handed to the TECHQUEST team latest by Monday (23rd September 2024).
- Result of each event will be judged by the TECHQUEST team, and it will be final.