



# Blueprint

Event Details





## What Is **Blueprint**?

On March 30<sup>th</sup> and 31<sup>st</sup>, We are running a 2 day hardware hackathon called **Blueprint** (formerly **RoboticsCon**) in which students from grades 6<sup>th</sup> to 12<sup>th</sup> learn about the **foundations of robotics** and work in **teams to build real-world solutions**.

## What Is A **Hackathon**?

A **hackathon** is an event in which people **develop something over a short period of time to cater to a specific theme**. Hackathons aren't only about the projects that people build, it's also about **lifelong learning and building collaborative skills**. They're also a place where you can **build something that you're truly proud of**.

## Why Should **you** join

Hardware hackathon's like Blueprint, foster innovation by challenging teams to prototype creative IoT devices or solutions with limited resources, building working demos that build impressive portfolios for university applications



## What will students **Receive** ?

- **Arduino starter kits** (includes sensors, wires, breadboards, and basic electronic components)
- **Sensor kits** (1 is provided per team)
- **ESP-32** (for advanced category)
- **Lunch and afternoon snack**

## What students are **expected** to bring?

- A laptop with charger
- Morning Snack (if required)
- USBC to USBA dongle (only if your computer has USB ports)
- A Water bottle

## What students can wear?

Dress Code: **Smart Casuals.**

Girls are instructed not to wear any sleeveless or short dresses and boys should not wear shorts/ funky clothes. Jazzy ornaments are not allowed. **Jeans and T-shirts are preferred**



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# Event Flow

March 30th | Day 1

TIME	DETAILS
8:30 - 9:00	Registration
9:00 - 9:40	Opening ceremony
9:40 - 11:00	Workshop session 1
11:00 - 11:10	Short Break
11:15 - 13:00	Workshop session 2
13:00 - 13:30	Lunch
13:30 - 14:40	Workshop Session 3
14:50 - 17:00	Build session 1
17:00 - 17:15	Snack Break
17:20 - 18:30	Build session 2
	Wrap Up



# Event Flow

March 31st | Day 2

TIME	DETAILS
9.00-11:00	Build Session 1
11:00 - 11:10	Short Break
11:10 - 13:00	Build Session 2
13:00 - 13:30	Lunch
13:30 - 16:00	Build Session 3
16:00 - 17:30	Judging session
17:30 - 17:45	Snack Break
17:45 - 18:30	Awards Ceremony



## I'm a solo registrant will i be grouped with a **team**?

Yes, if you are a solo participant you will be grouped into teams (ideally with participants from the same grade). We will introduce you to your teams on the day of the event. We hope you have fun meeting new friends and people!

## Where are the team allocations?

If you registered with a team, you will be grouped with them, however if you are a solo registrant you may refer to the team allocations so you can easily know your team.

[Team Allocations List](#)

# Blueprint 2026



Brought To You By The GIS Robotics Club