



# Drone Workshop

EXCLUSIVE FOR SCHOOLS



9900206333 / [CONTACT@HEYMODO.COM](mailto:CONTACT@HEYMODO.COM)

# Why learn Drones?



## BENEFITS FOR CHILDREN

### I. Cognitive Development

Cognitive development is how a child thinks and explores its environment. Be it flying drones indoor or outdoor, reacting to flight patterns and the surrounding allows the child to improve cognitive reasoning skills, thereby understanding cause and effect, and helping to make quicker decisions.

### II. Understanding Aerodynamics

Aerodynamics is the way how air moves around things, and drones require specific aerodynamics to fly. The way the propellers spin changes the way a drone turns or moves across the three dimensional space. Flying a drone requires practice and teaches the workings of aerodynamics.

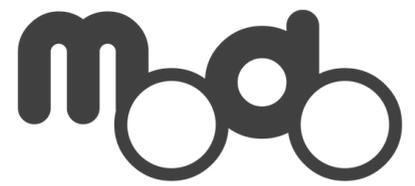
### III. Spatial Visualisation

Spatial visualisation is the ability of a child to mentally manipulate two or three dimensional objects. Flying a drone provides 3D learning experience to the child, and also enables to physically experience 3D sensations of the surroundings.

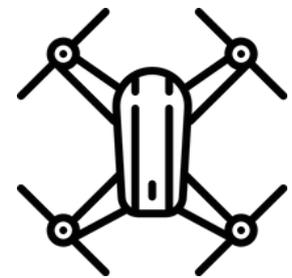
### IV. Sequencing Skills

Sequencing is breaking down of an event into simple steps and arranging them in logical order. Programming is an ideal method for developing sequencing skills - where in the child arrange symbolic commands in sequence to design the desired actions

# Topics Covered



- Why Learn Drones?
- Whats in it for Students?
- Types of Drones
- Popular Usage of Drones
- Drones in Remote Sensing
- Drones VS UAVs
- Design-a-Drone
- Basics of Aerodynamics
- Components of a Drone
- Spatial Visualisation
- Self Propulsion Technology
- Aviation Rules in India
- Safety Guidelines
- Programming a Drone



# Plan Today!



## Requirements

- Minimum of 100 student enrollments
- A fully-equipped computer lab
- Projector, screen & speakers
- Indoor auditorium - preferred
- Outdoor playground

## Workshop Fee

Please talk to us for a customised workshop price that is suitable for your school needs and potential student enrollments.

## Contact Us Today!

Amalore Jude  
9900206333  
jude@heymodo.com

Susan  
9742306333  
susan@heymodo.com