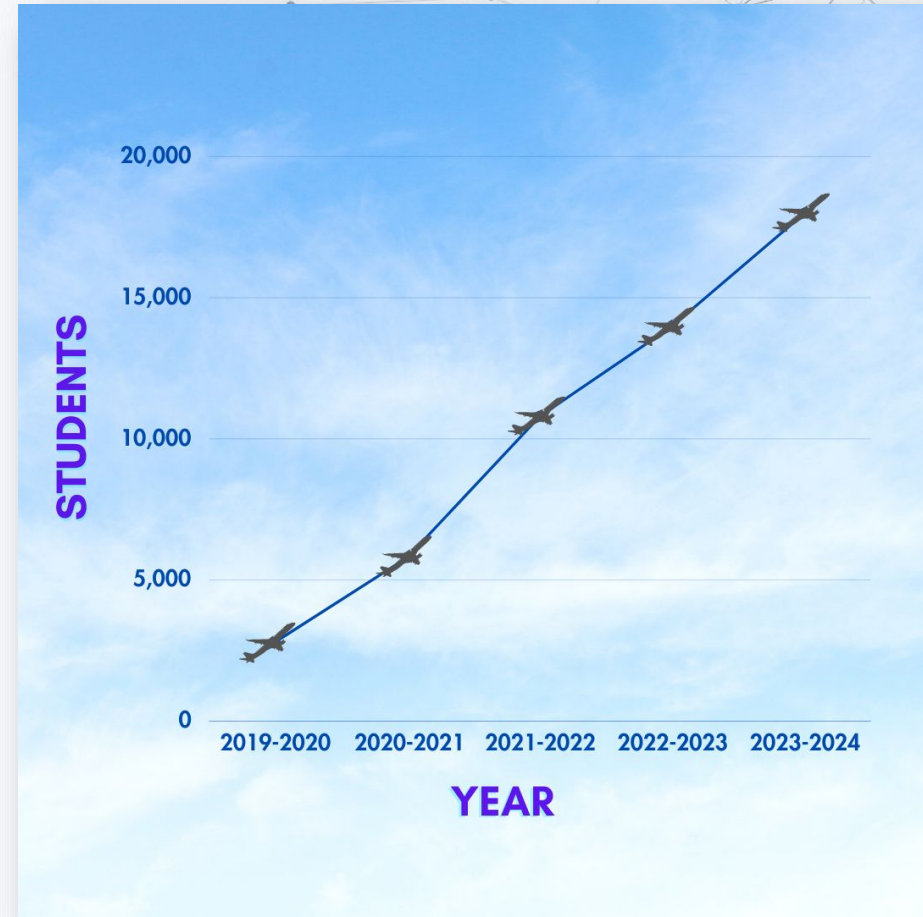


# So far 20000+ students have successfully finished the program



**GD GOENKA INTERNATIONAL SCHOOL JABALPUR**  
 Under the Aegis of G D Goenka Group, New Delhi

**GD GOENKA PUBLIC SCHOOL SILIGURI**  
 Under the Aegis of G D Goenka Group, New Delhi

**GD GOENKA PUBLIC SCHOOL BHIWANI**  
 Under the Aegis of G D Goenka Group, New Delhi

# Our Partners

**STUDY UK** BRITISH COUNCIL GREAT

**WINNER**

Entrepreneurial Award



Neha Chauhan  
Cranfield University and  
University of Liverpool

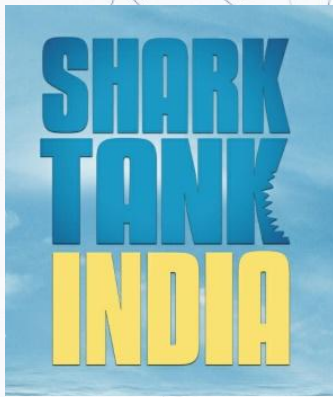





2019 WINNER  
April 18, 2019  
AIM STARTUP PITCH COMPETITION  
CASH PRIZE: Ten Thousand Dollars only \$10,000



महाराष्ट्र शासन



Incubated since Jan 2021

**TIE RAJASTHAN** FOSTERING ENTREPRENEURSHIP

**GITEX GLOBAL + TIE WOMEN**  
18-19 OCT 2021 | BUBALY WORLD TRADE CENTRE

**MEET THE WINNER**  
TIE WOMEN REGIONAL  
PITCH COMPETITION 2021





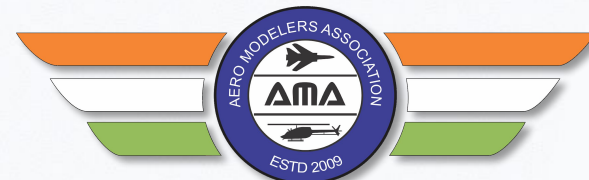

Neha Chauhan  
Edutech  
Aviotron Aerospace Pvt Ltd



Affiliations



Our Promise to Youth



We have been recognized as one of the **FIVEsolution** recommended in the **Education 4.0 India** report published by World Economic Forum by **UNICEF** and **(YuWaah Generation Limited India)**



## Education 4.0 India

INSIGHT REPORT  
OCTOBER 2022



### CASE STUDY AeroBay's experimental learning course



**AeroBay** is an upskilling edtech programme focused on imparting experiential learning solutions in science, technology, engineering, the arts and mathematics to school students. This empowers them to explore career and

entrepreneurship opportunities in the domains of Aerospace, Space, E-vehicles, Drones, Designing and related futuristic technologies. AeroBay also offers virtual lab-based experiences for students in seven states in India.

Solution	Unique features	Technology	Alignment with national priorities	Resources required to scale
Experiential learning using new technologies	<ul style="list-style-type: none"> <li>Focuses on imparting STEM-based experiential learning</li> <li>Offers school/ community-based physical or virtual labs</li> <li>Imparts learning on abstract concepts</li> <li>Enables experiential learning and collaboration</li> </ul>	<ul style="list-style-type: none"> <li>Augmented reality and virtual reality for virtual experience</li> <li>AI</li> <li>Simulation</li> </ul>	NEP 2020 advocates for practical and experiential learning for holistic development	<ul style="list-style-type: none"> <li>Resources and funds for capital expenditure</li> <li>Alignment of the programme with course curriculum</li> <li>Usage and adoption by educators</li> </ul>



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- III. Challenges
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- V. Our Solution
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- IX. AeroBay with School
- X. Our expectation from the School
- XI. What's in this for you
- XII. Competition
- XIII. Career Opportunities





**AVIOTRON  
AEROSPACE**  
AEROSPACE FOR KIDS

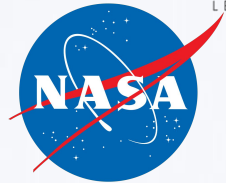
*A Futuristic 'STEAM' based experiential learning ecosystem solution for k-12 students through trending technologies such as Aerospace, Design Thinking, Space-Ed, Drones and much more.*

# The TEAM

Strong founding team to spearhead the Next-gen education revolution



Neha Chauhan



Ch Vaishnav



Ashish Kumawat



[www.havochobby.in](http://www.havochobby.in)



Nitin Choyal



# OUR BOARD MEMBERS AND MENTORS



**Mr. Kuber S Rai**

M.D. Corniche Capital and  
V.P finance and Investment  
ADNOC group



**Sqn Leader Trishul Chintalpudi**  
Indian Airforce



**Prof. Andrew Rae**

Professor University of  
Highland Island Perth  
Scotland

# Challenges

We do this because we know that there are potential talent hiding in plain sight, shackled by their unfulfilling jobs, and willing to work incredibly hard for a chance to make a real dent in the world.



Limited exposure  
to Career options



Lack of Practical  
exposure

Creating Skills  
For Growth & Innovation



Scarcity of Real  
Life Applications



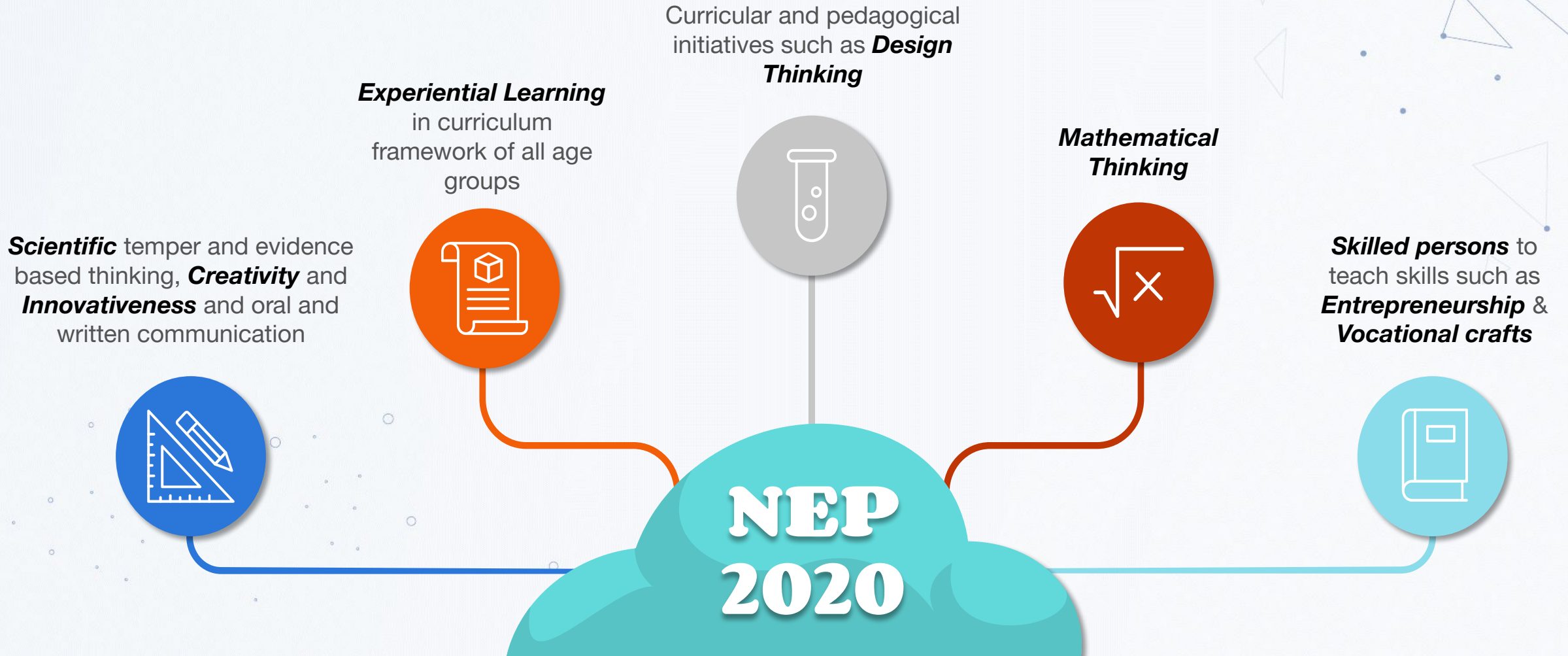
Unprepared  
Educational  
Institutions

"80% of jobs to be created in the next decade will require some STEM skillset" - The Hindu



# National Education Policy 2020

NEP 2020 is strongly pushing towards 21<sup>st</sup> century experiential and STEM education. We are proud that AeroBay has already been covering all these aspects long before NEP 2020 came into action.



# Our Solution



An experiential learning ecosystem focused on imparting the 21<sup>st</sup> century industrial skills paving the pathway for students that allow individuals to enter into the innovation economy and close that skills gap by providing affordable practical education.

# Features

## Industrial Prototypes

Wind Tunnel, Satellite, 3D Printer, CNC Machine, Weather Station



## Customized Curriculum

Customized for all age groups  
Integrated with CBSE/ICSE



## Analytics

Detailed student progress reports



## Trainer

Qualified Aerospace Engineer and  
STEM Trainer



## Competition & Certification

National/International  
Aeromodelling and Space  
Competitions



## 21<sup>st</sup> Century Skills

Entrepreneurship,  
Mathematical Thinking,  
Vocational, Creativity &  
Design Thinking

# AeroBay Online

The student will have life long access of Learning Management System (LMS) where all the recorded videos of different modules, lectures, access to STEM educators post school hours, competitions (NASA, ISRO, TATA, AIRBUS, BOIENG) will be provided along with there digital portfolio.

## Interactive sessions

**1:1 Live Tutor**  
led assistance and recorded videos



**Enhance Your Practical Skills**  
Improves Creativity | Innovation | Focus | Problem-Solving

## Experiential Kit

1<sup>st</sup> company to bring  
**STEAM DIY Kit**  
experience directly to students



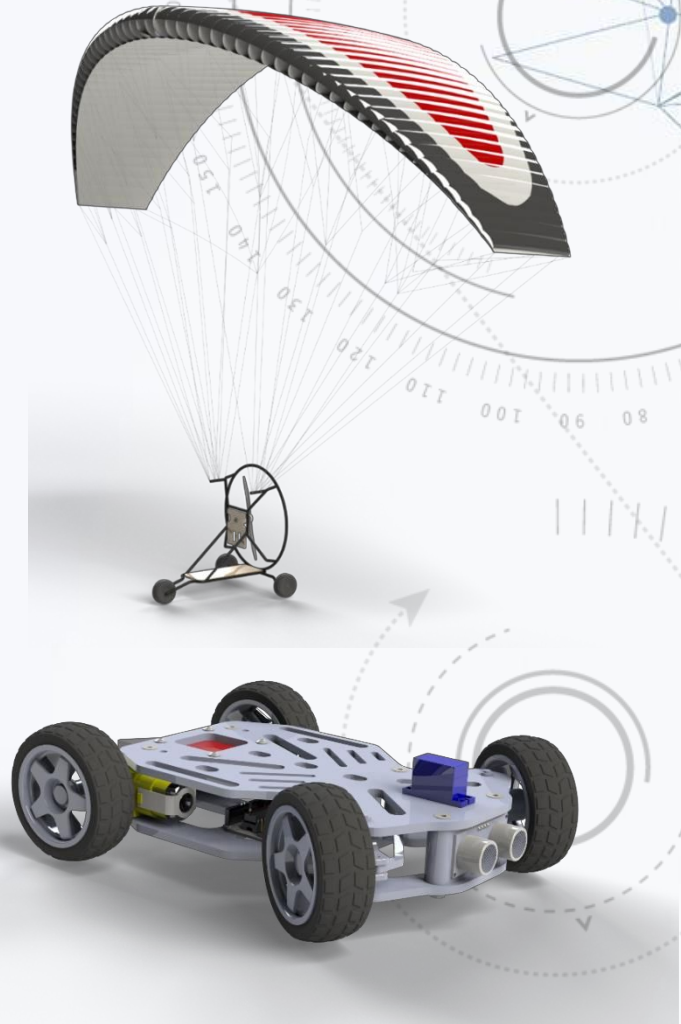
# The Kit – Provided in both offline and online offerings



Grade-wise Kits

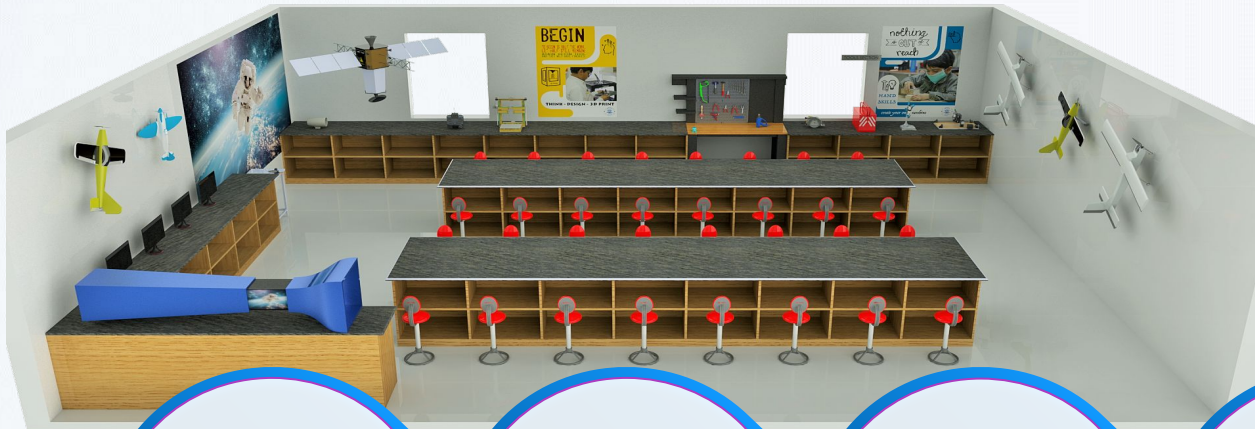
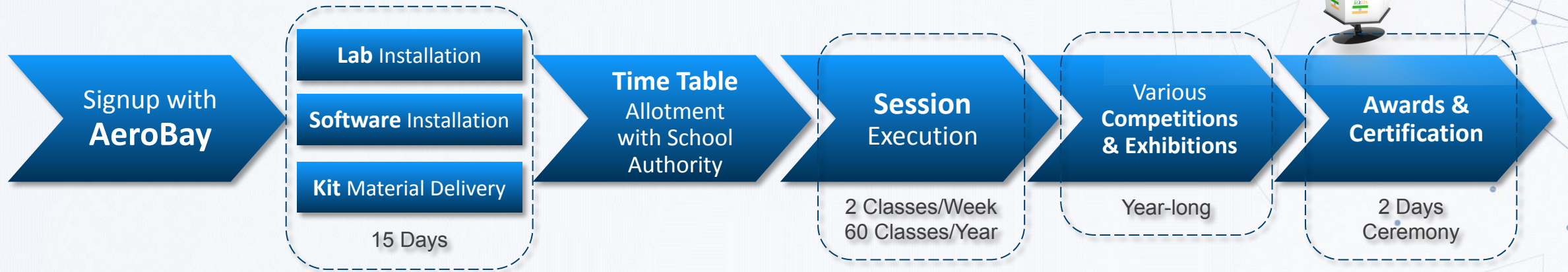


Curated to provide concept based experiential learning

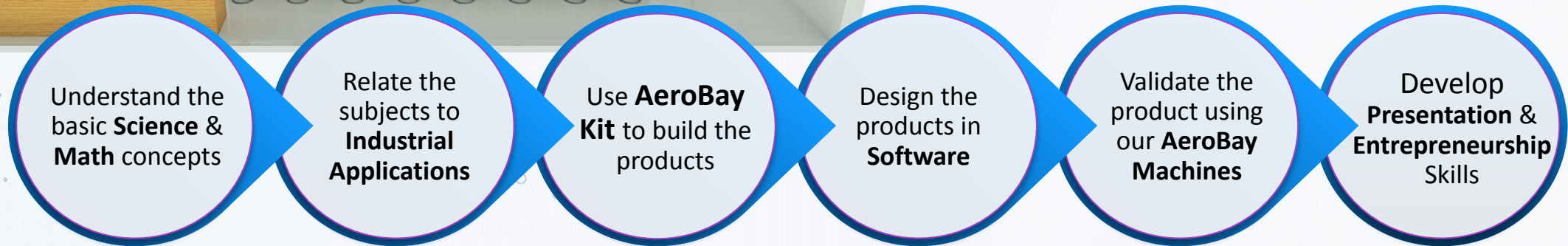


Exciting Real life Products

# AeroBay with School



## Program Execution



# Our expectations from the School !!

**1 Webinar and Events**  
Assistance and Management in arranging various events and webinar.

**2 Parents Reach - Out**  
Assistance in program awareness through email, whatsapp and social media platform.

**3 Program Co - ordinator**  
Dedicate a program head from school to ensure smooth transition.

**4 A will to Excel**  
We request an open heart while discussion for better future for all students.

# What's in this for you !!

## Exciting Reach-out

Facinating Content year-long for digital and physical marketing.

## Equipped with NEP

Equip your school with the National Education Policy Framework

## Online PBL

Be a part of first of its kind Online Project Based Learning System.



## Career Counseling

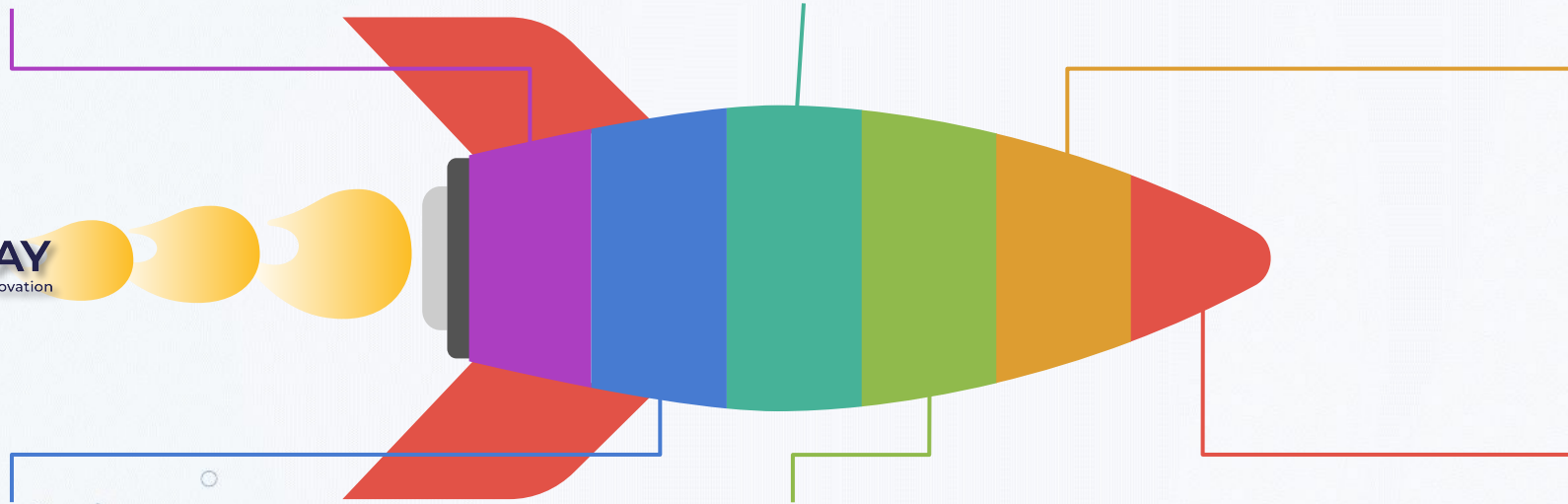
Get an Add-on Year long career virtual counseling centre for your school

## Admission

Witness an up-rise in admission number as parents are looking for schools with an futuristic approach

## Revenue

Now, who doesn't like a added revenue with all this fascination.





# Competition

	Aviotron	Yard Sticks	Omo Tech	Butterfly	Practically	ATL Labs	Creya, Stemrobo
Online mode	✓	✓	✓	✓	✓	✓	✗
Offline mode	✓	✓	✗	✗	✗	✗	✓
Dedicated trainer	✓	✗	✗	✗	✗	✗	✗
Competitions	✓	✗	✗	✗	✗	✗	✓
Career opportunities	✓	✗	✗	✗	✓	✓	✗
Industrial Exposure	✓	✗	✗	✗	✗	✗	✗
Experiential Learning	✓	✗	✓	✓	✗	✓	✓

## What are our USP's

Our products/Student kits are industry grade products not just science projects or science experiments. We cover the complete forte of **'S T E A M'** not just 'T' like the coding companies or 'S' like the science experiment kits.

Another major USP is our inclusion of **Arts (Designing + Communicative)** in all solutions and programs giving us a edge over other players.

Our products have a end vision of providing career opportunities in the domains mentioned in the deck. The vision is to make students **market ready not to just provide them hobby classes.**

To envision this we are partnering with Industries to provide **industrial exposure, internships and career opportunities.** For example all students enrolled with us will be guided to apply for Drone License and explore career options after that.

In conclusion, we are not just a hobby class or STEM learning provider, instead we position ourselves an **end-to-end solution** from academics to career guidance for all students and parents. In the process, we are making them explore futuristic pathways like **Aerospace, Space, Drones, E-vehicles and Designing industries.**

# Career Opportunities

AeroBay experiential learning ecosystem gives access to all futuristic domains touching Air, Water and Land such as Aero-Modelling, Drones, Design, Space Ed, E-Vehicles, Meteorology and Design Thinking Process.



**Aero-Modelling**



**Drones**



**Design**



**Space Ed**



**E- Vehicles**



**Meteorology**