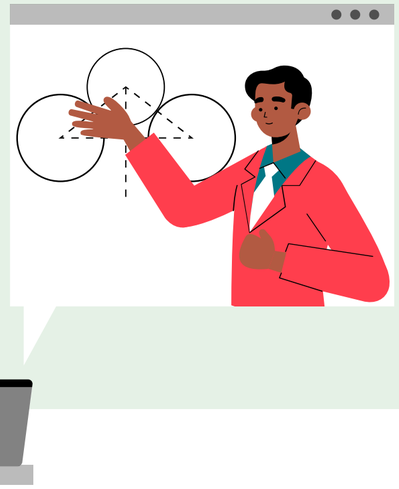
Adhyaapan
Curiosity | Cognizance | Careers

LEARNING TRANSFORMATION PROGRAM

Adhyaapan's inclusive learning program
bridges curiosity and cognizance with careers.



Millions of students do not understand:

WHY
they learn
various concepts

HOW
to apply
what they learn

WHAT
career prospects arise
from the curriculum

Students are not as passionately engaged in class and are unsure how their curriculum connects to their future careers.

80/100

They are burdened by achieving good test scores, and simply absorbing information **without critical thinking**.

India's industry-academia linkage is 4.7/10*

Developed Western and Asian countries are taking active measures **to bolster the connections between academic institutions and industry**.

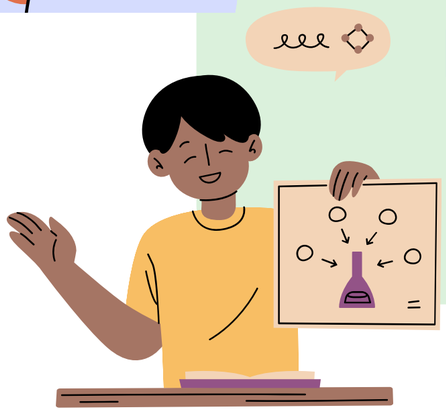
*** SOURCE**: Times of India

Adhyaapan transforms how students learn by:

igniting their **curiosity** and
expanding their **cognizance**
through **application-based learning**

---

introducing them to exciting **career possibilities** as it pertains to their curriculum and interactions with industry experts



CURIOUS HOW ADHYAAPAN BEGAN?
CHECK OUT SLIDE **14**

Intelligence ≠ ability to take **tests**

restate course content

Adhyaapan

Curiosity | Cognizance | Careers

Intelligence = ability to **understand** concepts

& know how to **apply** them

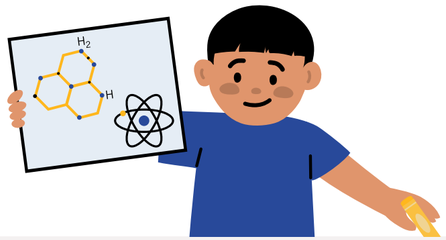
Students will learn **how to learn.**

Blending in with the school's schedule, Adhyaapan's **online program** complements the school curriculum with educator and industry expert sessions.

Students will be fascinated to learn how their everyday curriculum relates to current events, future technologies and next gen careers.

#curiositytocareers

Students will rediscover their passion for learning through a pedagogy rooted in practical application.

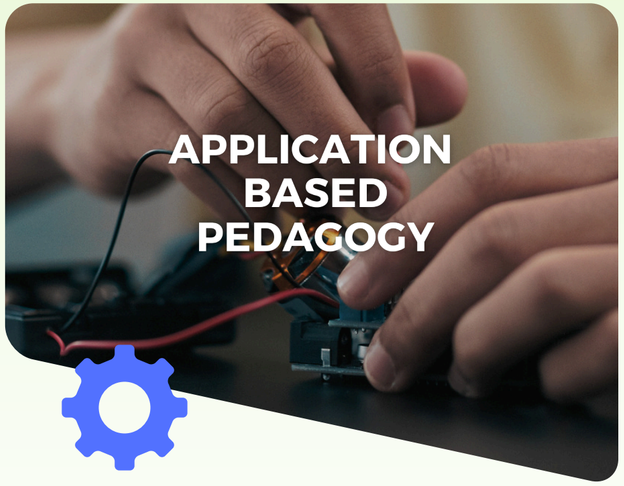


LEARN TO APPLY CONCEPT + **NURTURE CURIOSITY** → **IMPROVED CONCEPT COMPREHENSION** + **CAREER AWARENESS**

OUTCOME:

Transform from **studying** for marks to **understanding and applying** concepts.

The Adhyaapan Mantra



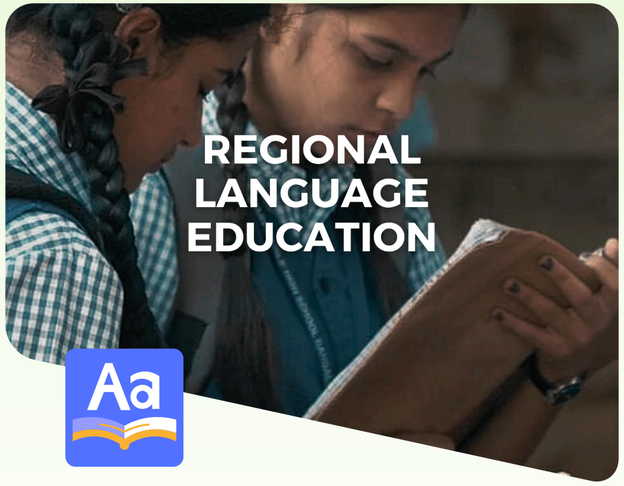
Illustrate to students how their academic curriculum directly translates into real life applications.

Spark the curiosity of young minds by weaving connections between concepts across subjects.

Enhance natural intuition and sharpen critical thinking abilities.

Excite students by showcasing the real world significance and career opportunities within their curriculum.

Empower students with industry expert interactions.



Our inclusive approach recognizes that Math and Science transcend language barriers.

Rather than confining concepts to individual subjects, Adhyaapan uses **holistic learning** to enable students to grasp a **deeper understanding of the concepts across diverse subjects**.

Students will become curious and start to ask “**why**.”

SILOED STUDYING

Do students understand how these concepts overlap?

BIOLOGY	CHEMISTRY
How digestion happens in a human body	Reactions that make digestion work + impact of pH
PHYSICS	**MATH**
Heat generation and its impact on digestion	Mathematical modeling of digestion for research

INTERDISCIPLINARY HOLISTIC CURRICULUM

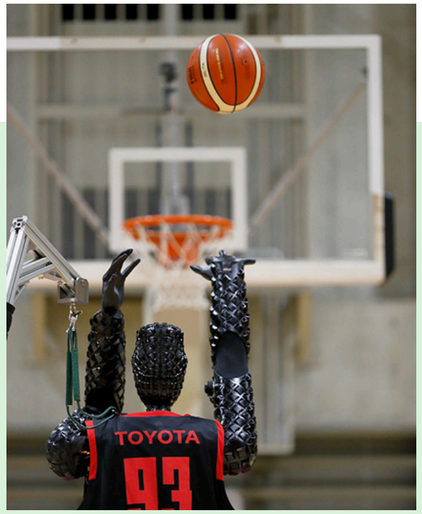
Students will embrace this holistic view and gain insight into real life applications.

BIOLOGY + CHEMISTRY + PHYSICS + MATH

BONUS: They will discover career opportunities that leverage the concepts they’ve acquired.

FOSTERING PASSION FOR LEARNING

Students will gain valuable knowledge through real life applications enriched with career insights.



PRE-ADHYAAPAN

- Robot shooting basketball

POST-ADHYAAPAN

- Applications of Projectile Motion
- Applications of Polynomials
- How Physics and Math relate
- Career prospects, such as Robotics, Mechatronics, PCB Designer
- Gain insight from career experts on which skills to cultivate

DID YOU KNOW?

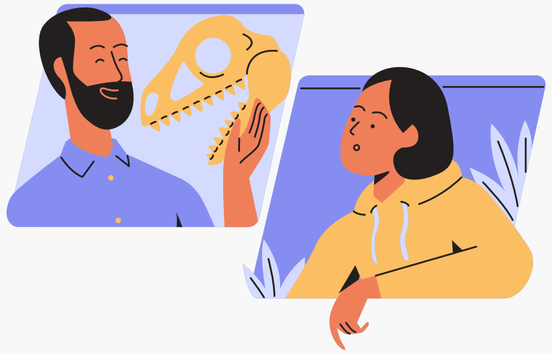
Ecologists use factoring polynomials to estimate which species might get extinct or how many trees need to be planted to maintain balance.

NURTURE “CAREER CAPITAL” IN YOUNG MINDS

Building “**career capital**” is augmenting and nurturing rare and valuable skills to the point of mastery.

Connecting real world career applications with our pedagogy ignites a genuine passion for learning.

With Adhyaapan students will:



FOSTER ENTHUSIASM AND INQUISITIVENESS BY IMMERSING IN REAL LIFE APPLICATIONS

DISCOVER INDUSTRIES THROUGH ENGAGING PEDAGOGICAL ACTIVITIES

ENGAGE WITH INDUSTRY EXPERTS WHO WILL IGNITE AUTHENTIC INTEREST

ADHYAAPAN'S
LEARNING TRANSFORMATION PROGRAM

Based on the school's calendar, Adhyaapan will craft a sessional package.

SCHOOL SIGNS UP

GRADES 7-10

COURSES OFFERED
MATH, SCIENCE, SOCIAL SCIENCE

CUSTOMIZABLE

ADHYAAPAN PROVIDES ENTIRE SESSION SCHEDULE

Logistics and times are adjusted with school's schedule.

SESSION KICK OFF

Online sessions from Adhyaapan educators and industry experts.

Supplemental material and activity sheets are provided.

PERFORMANCE REVIEWS & FEEDBACK

Sessions and contents are improved through school's feedback.

CUSTOMIZED YEAR-LONG INTERVENTION

Each chapter of the textbook is taught using the Adhyaapan mantra.

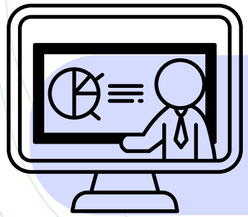
Sessions are tailored based off each grade's curriculum and the school's schedule (during/after school).

We prefer for sessions to be hosted at the school.
(If the school is unable to host the session independently, alternative options can be considered.)

Upon request, we can also host:

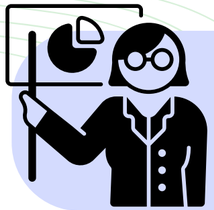
- in-person sessions/workshops
- weekend sessions (with school's educator present)
- regional language/bilingual sessions

ADHYAPAAN PROVIDES PRE-SESSION READING & CONCEPT-BASED ACTIVITY MATERIAL



ONE HOUR ONLINE SESSIONS

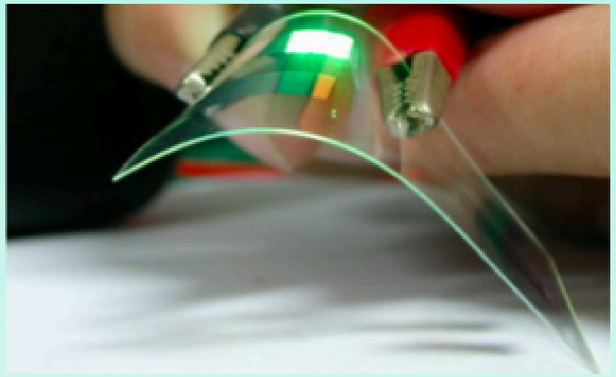
CASE STUDY OR APPLICATION-BASED POST-SESSION ASSESSMENTS

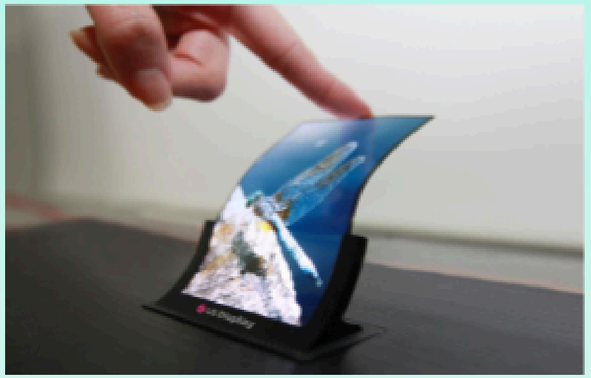


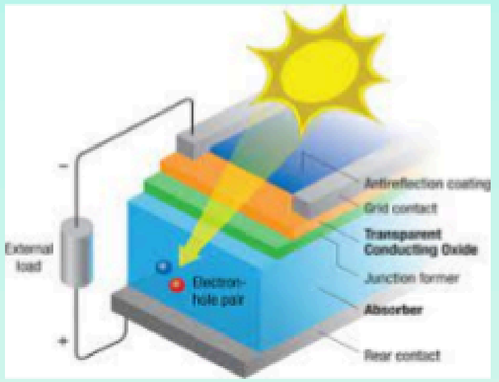
INTERACTIVE INDUSTRY EXPERT SESSIONS

EXAMPLE OF SESSION MATERIAL

Application of organic compounds in organic electronics







Organic compounds have gained significant attention in the field of electronics. Organic light-emitting diodes (OLEDs) are widely used in displays and lighting due to their energy efficiency and flexibility. Organic photovoltaics (OPVs) have also been explored as a lightweight and flexible alternative to traditional solar cells.

Possible careers

- Material scientist
- Device Fabrication Engineer

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#CuriosityToCareers

Students are excited about learning!

Immersing students with real life examples cultivates an enthusiasm for learning.

STUDENTS & PARENTS LOVE THE PROGRAM!

This is how **we want to learn!**

STUDENT

We are happy to hear our kids share with us all the interesting applications they saw at Adhyaapan and real world case studies they have been challenged to solve. We're also delighted to see them start discussions about certain careers they're interested in and want our help to learn more about it.

PARENT

My students are asking more questions in class and it drives me to prepare better and the sessions are kindling my own curiosity to learn more through the applications shown at Adhyaapan

TEACHER

SUPPLEMENTAL RESOURCES

SHAPING THE FUTURE OF EDUCATION

ACTIVITY SHEETS

Students can actively apply what they're learning.

CASE STUDIES

Students put their classroom knowledge to work by **tackling real-world challenges**.

They are **empowered with knowledge of next generation applications**, guaranteeing that what they learn today will remain relevant long after graduation.

HOW ADHYAAPAN BEGAN

I attended a NASA exhibition in the 7th grade.
I had an instant attraction to aerospace.

I found my passion in life very early on. Because of that, I worked hard to get very good at physics and mathematics. As planned, I decided to pursue a Masters degree in Aerospace Engineering.

Since you know what you want, you are augmenting and building your skills to get into the industry.

Passion led me to understand the concepts better. Hard work and dedication came naturally because of the passion.
I believe that passion helped me in my aerospace career to convert me from an everyday engineer to an innovative, value-adding engineer.

This is the power of passion.
You are constantly in a quest to become better.

Since 2015, I wanted to give back to the society and to my country. I started working with a lot of student organizations to mentor/guide students on aerospace careers or aerospace-related projects. Based on this, 2 schools in the U.S. reached out (grade 8 & 9 in Texas and California) asking if I could show their students how Algebra and geometry are used in aerospace engineering. **And that's where it began.**

The session involved showing the students real life application of these concepts. I also spoke with them about career opportunities in aerospace engineering and showed them some next generation careers. The teachers shared how the students' curiosity peeked after they learned how their concepts relate to careers. That's where they understood how what they were learning applied to the real world.

More such opportunities started coming my way and I enjoyed researching various applications of text book concepts and career prospects that arise out of them. I felt such sessions had a big potential in shaping education and felt an inner push to pursue this forward.

And that is the start of Adhyaapan. We want you to find your passion too !

Arjun Vijayanarayanan
FOUNDER & CEO

Once you know what it is in life that you want to do, then the world basically becomes your library .

Kobe Bryant

THANK YOU

Adhyaapan

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