

# Learning Transformation Program

*Where curiosity transforms into capability*

Adhyaapan transforms learning from memorising to thinking—nurturing the reasoning, judgment and adaptability students need to thrive in an information-abundant AI era.

CURIOSITY → COGNIZANCE → CAREERS

Aligned to Major Education Boards

Integrated with Syllabus

Multilingual



Meet your guide, **Ira**, the Nurturer

## WHY WE STARTED

# Students master the concept for the test, *not the judgment the AI era now demands*

Marks show what students remember. Application-based and competency-based learning reveals what they can do with that knowledge. That is the gap Adhyaapan is built to close.

## FOUR GAPS WE SET OUT TO CLOSE

- 💡 **Application**  
Students can define a concept but not use it.
- 📁 **Career Preparedness**  
Subjects feel cut off from the work that uses them.
- 🕒 **Future Readiness**  
Reasoning and judgment are rarely taught.
- 🔧 **AI-Era Readiness**  
Students need the reasoning and judgment to stay capable as AI changes how they learn and work.



## THE NUMBERS

- 42.6% of India's 2024 graduates were **industry-ready**  
Mercer | Mettl · India Graduate Skill Index (2025)
- 49% of students say school did **little to prepare them for adult life**  
OECD · PISA 2022 (Teenage Career Readiness)
- 55% of **parents** are anxious their child isn't being prepared for the jobs of an **AI-driven future**  
Penn Foster · Parent Survey (2025)
- 39% of **core job skills** will be disrupted by 2030 — even as **analytical thinking** becomes employers' #1 most-wanted skill  
WEF · Future of Jobs Report (2025)

# The answer is the *Learning Transformation Framework*

The syllabus stays the same. The learning experience transforms through four foundational pillars.

## THE ADHYAAPAN MANTRA



### Application-Based Pedagogy

Every concept is taught where it lives: daily life, technology, what comes next



### Interdisciplinary Holistic Curriculum

One concept followed wherever it leads across disciplines, not siloed.



### Career-Focused Learning

Every concept connects to the people and careers that use it.

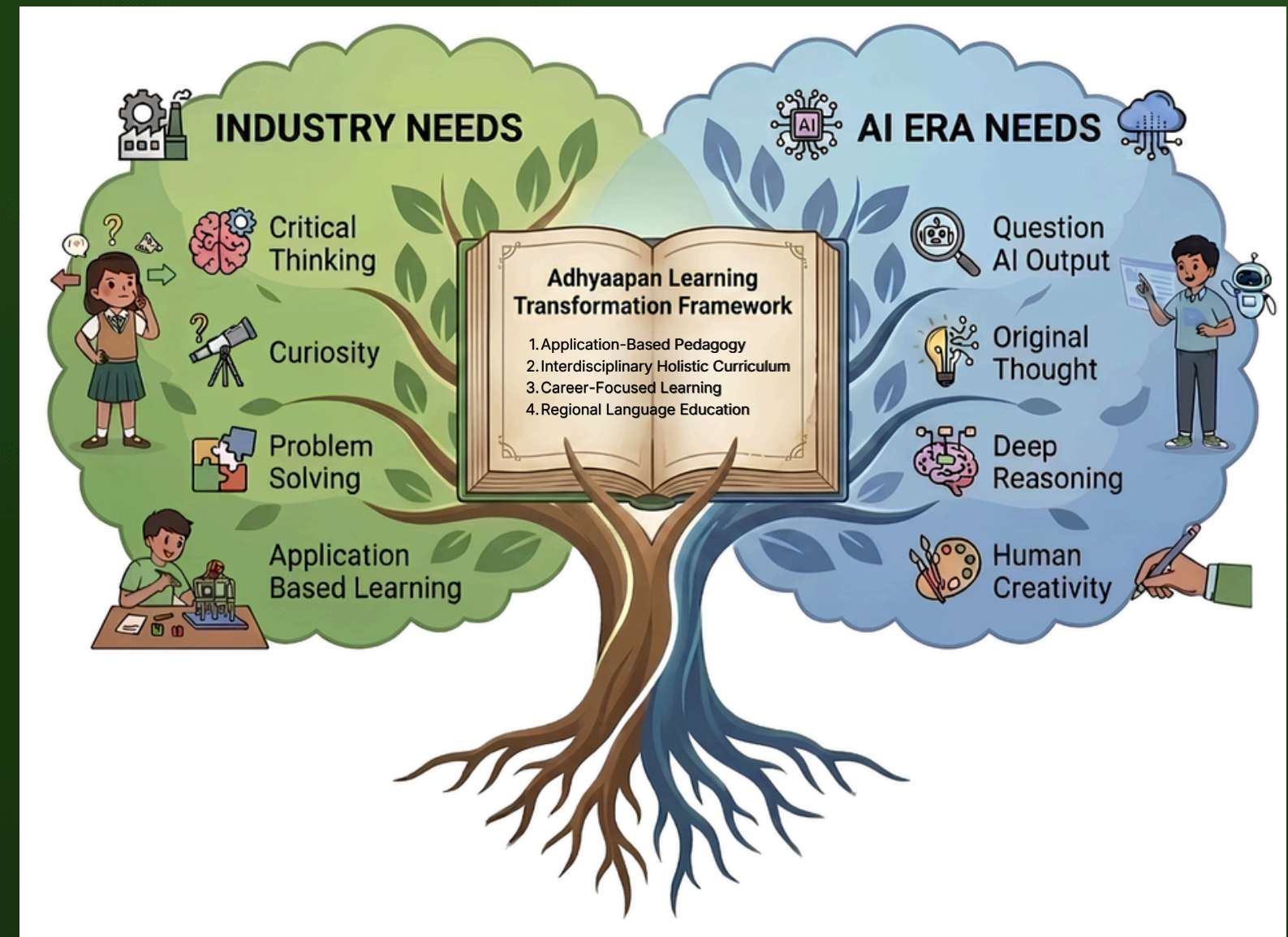


### Regional Language Education

Taught in the student's own language, so understanding comes first

## The Learning Transformation Framework

The four pillars, run through one method — curiosity → application → reasoning → transfer.



THE METHOD · TWO PROGRAMS, ONE FOUNDATION

# One proven framework. *Two programs come out of it.*

The proven foundation: established in 2021, refined continually against real classroom evidence.



THE FOUNDATION

## Learning Transformation Framework

ONE METHOD · EVERY SESSION MOVES THROUGH CURIOSITY → APPLICATION → REASONING → TRANSFER

TWO PROGRAMS GROW FROM THIS FOUNDATION

THIS PROGRAM

PROGRAM 01 · EST. 2021

### Learning Transformation Program

Core subjects: Maths, Physics, Chemistry, Biology & Social Science  
 Grades 6–10 · From memorising to reasoning  
 Competency-based assessment after every concept  
 Curiosity Catalyst that rewards the best questions



NOW LAUNCHING

PROGRAM 02

### AI Literacy & Readiness Program

Application-first AI learning  
 Grades 6–10 · Integrated AI curriculum  
 Responsible AI, portfolio/project pathway  
 Flexible technology delivery



### HOW IT WORKS

# The program across one academic year

We complement your teachers—we never replace them.

Teachers build conceptual understanding. Academic schedules often leave little room to explore application in depth.

Adhyaapan builds on every chapter through real-world application, interdisciplinary connections and career relevance.



### PROGRAM AT A GLANCE

|          |                                           |
|----------|-------------------------------------------|
| Grades   | 6 through 10                              |
| Subjects | Science, Mathematics & Social Science     |
| Cadence  | Full academic year, weekly sessions       |
| Delivery | Online · In-person · Hybrid               |
| Language | Multilingual, regional-language supported |

### TWO WAYS TO DELIVER

#### Adhyaapan-led

Our specialist runs the application session live, with your teacher in the room.

#### School educator-led

Your teacher delivers it using our plan and materials, with training and certification in the Adhyaapan method.

### TECHNOLOGY SETUP



**Hybrid  
Co-Delivery**



**Technology-  
Supported**



**Low-Technology  
Adaptation**

**4 competencies are measured after every session:** critical thinking, applied reasoning, interdisciplinary connection and academic confidence.

### THE IMPLEMENTATION JOURNEY

- 1 Discovery & Scope**  
Set grades, mode, language, priorities
- 2 Curriculum Mapping**  
Align themes to textbooks and calendar
- 3 Orientation & Baseline**  
Orient all students; baseline new grades/cohorts
- 4 Weekly Delivery**  
Turn each chapter into application

An Adhyaapan session experience consists of ...



#### Pre-Session Primer

Prepare students for concept



#### Adhyaapan LTP Session

Apply the concept to life and careers



#### Activity-Based Learning

Work the concept, hands on



#### Post-Session Assessment

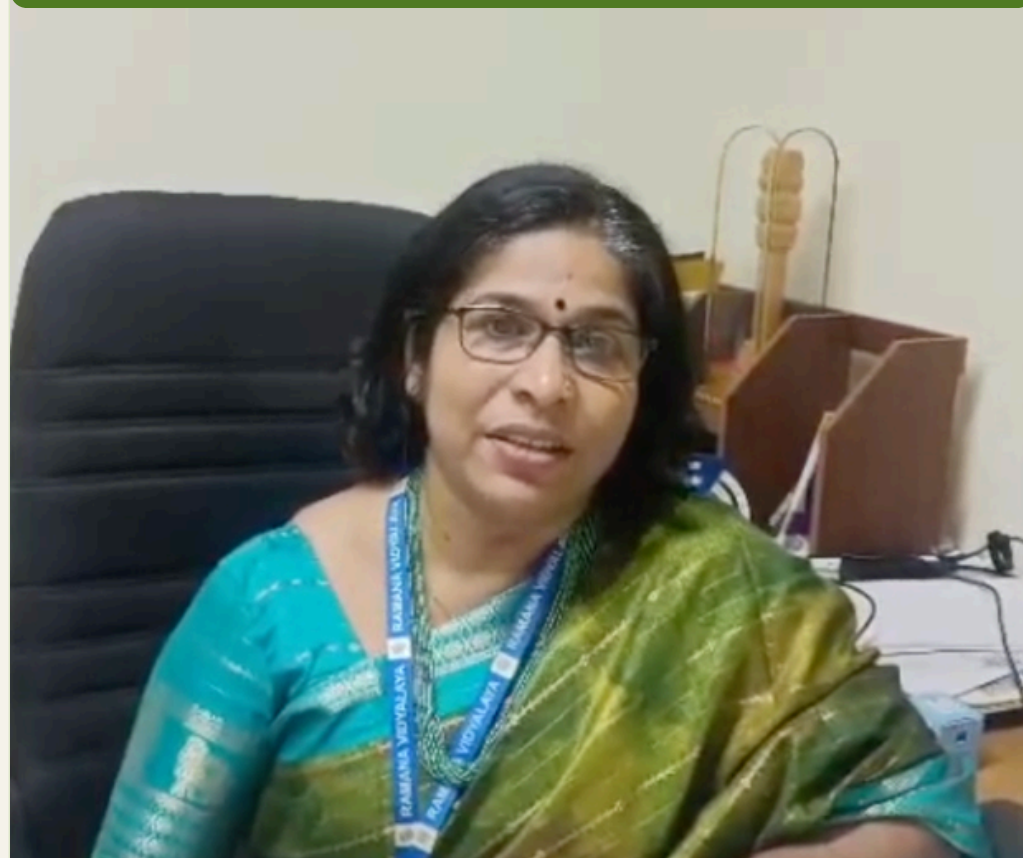
Check competency after every session

- 5 Industry Expert Session**  
Connect concepts to professional work
- 6 Continuous Review**  
Monitor progress; adjust scheduling
- 7 Endline & Impact Report**  
Measure progression; plan for next year

## IN THEIR WORDS

# Voices from our *classrooms*

RAMANA VIDYALAYA · CHENNAI



"Learning becomes fun and meaningful when you understand the purpose and you start applying it to your own life — and that is exactly what Adhyaapan is doing.

**Ms. Mallika** Principal · Ramana Vidyalaya



A highly structured and academically enriching initiative — it has strengthened students' conceptual clarity and ensured systematic syllabus coverage. The disciplined approach and regular assessments have positively impacted engagement and learning outcomes.

**Ms. Tejika Gupta** Teacher & POC · Vidya School, Gurugram



I was struggling with maths and SST, but this helped me learn all the subjects in new and interesting ways — out-of-the-box learning.

**Shubhranshu** Class VIII



After each topic they gave us career prospects, which can help us in future. The topics were really interesting, which made them easier to understand.

**Maithli** Class VIII



## THE GRADE JOURNEY

# Five grades, one *compounding* transformation

Each grade raises the independence, integration and judgment expected, so a student who starts in Grade 6 reaches Grade 10 genuinely transformed. The change accrues, which is why the program runs multi-year.

| DIMENSION                      | GRADE 6            | GRADE 7                     | GRADE 8                     | GRADE 9                        | GRADE 10                     |
|--------------------------------|--------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|
| <b>Learner Identity</b>        | Curious Noticer    | Curious Connector           | Application Explorer        | Interdisciplinary Investigator | Independent Thinker          |
| <b>Core Question</b>           | What do I notice?  | Where does learning appear? | How can I apply it?         | How do concepts work together? | How do I judge and transfer? |
| <b>Thinking Level</b>          | Notice and wonder  | Observe and connect         | Apply and analyse           | Investigate and evaluate       | Reason, judge and defend     |
| <b>Interdisciplinary Depth</b> | First links        | Introductory links          | Two-subject application     | Multi-subject systems          | Independent synthesis        |
| <b>Career Exposure</b>         | Spot everyday work | Discover professions        | Understand professional use | Examine industry problems      | Explore pathways and choices |
| <b>Intended Shift</b>          | <b>Curiosity</b>   | <b>Relevance</b>            | <b>Application</b>          | <b>Integration</b>             | <b>Independent judgment</b>  |



Grade 6 joins the journey for **AY 2027–2028**. The full Grade 6 curriculum guide is coming soon.

## CAREERS THROUGH CURRICULUM

# Careers discovered through the subjects they *already study*

We show where academic concepts live in the industry.  
The careers are already in the textbook, waiting to be identified.



**Live Industry-Expert Sessions**



**Recorded Practitioner Insights**



**Career-Connected Case Studies**



**Workplace Problem Simulations**



**Day-in-the-Life Explorations**



**Emerging Careers**

### STEM · STEAM · BEYOND

AI will reshape every career. We build the reasoning, judgment and curiosity that remain valuable in all of them.

## CURIOSITY CATALYST · A SIGNATURE INITIATIVE

# In the AI era, answers are everywhere — *good judgment is what's scarce*

*"It is because of the amazing explanation of all the teachers, I could ask relevant questions. They also gave us [a lot of] additional information which made us think out of the box and encouraged us to learn more."*



**Nurtures a Curious Environment**



**No Question Is a Silly Question**



**Promotes the Confidence to Ask**

## HOW THE INITIATIVE WORKS, EVERY MONTH

- 1 In every session, educators note the questions students actually ask.
- 2 Once a month, the team reviews them together and shortlists the strongest.
- 3 A standout question is recognised each month with a certificate celebrating the student's curiosity.



# CERTIFICATE OF RECOGNITION

This certificate is proudly presented to

\_\_\_\_\_ of Grade \_\_\_\_ from **[School name]**, in recognition of the student's curiosity reflected in the question asked during the \_\_\_\_\_ session in the month of \_\_\_\_\_, as a part of Adhyaapan's **Learning Transformation Program - Curiosity Catalyst Initiative** in AY 20XX-YY. We sincerely wish the student keep up this curiosity in their pursuit of learning with passion.

\_\_\_\_\_  
Arjun Vijayanarayanan  
Founder & CEO, Adhyaapan

\_\_\_\_\_  
[Principal Name]  
Principal, [School Name]



Every month, a standout question earns this **Certificate of Recognition** — signed by the founder and the school principal.

THE PEOPLE BEHIND IT

# Industry rigor, education depth, *delivered by specialists*

A founder who brings systems-thinking from industry, an academic head who designs the curriculum and trains educators, senior advisors from across Indian education, and subject specialists across every discipline we teach.



**Arjun Vijayanarayanan**  
FOUNDER & CEO

Experience certifying safety-critical systems at Boeing, Gulfstream and Joby Aviation, now applying that rigor to how children learn to think.



**Rachna Lakshminarayanan**  
ACADEMIC HEAD & ADVISOR

30+ years across every major Indian board; CBSE Centre-of-Excellence Resource Person and published education researcher. Designs the curriculum, keeps it board-aligned, and trains the educators who deliver it.



**Dr. Nirmala Krishnan**  
PRODUCT · SCHOOL PARTNERSHIPS & GROWTH

Former Country Head of Education for the Jindal group and Principal of Mahindra World School. Deep school-side insight to Adhyaapan’s product, school partnerships and growth.



**Lalitha Chandrasekaran**  
SCHOOL LEADERSHIP & IMPLEMENTATION

Co-Founder of Ramana Vidyalaya; Principal of DAV Girls Senior Secondary for 15+ years; 40 years in education.



**Aditya Arora**  
GROWTH & VENTURE STRATEGY

Chief Executive Officer of FAAD Capital and an angel investor who has backed 130+ startups.

BUILT IN-HOUSE

# 1,400+ sessions

AS OF ACADEMIC YEAR 2026 - 2027  
Designed & delivered in-house across 8 schools in India.

THE TEAM BEHIND IT

**Education Team** 18 Specialists

- Maths
- Physics
- Chemistry
- Biology
- Social Science

**AI Integration** keeps every session current with a fast-moving AI landscape

**HR & Operations** recruits and develops the teaching team

100%

SCHOOL  
RENEWAL RATE



<5%

OF STUDENT'S  
ANNUAL TUITION



3 MO

TIME-TO-VALUE

Time from onboarding to first visible measurable shift.





# Bring the Learning Transformation Program into *your school*

The future won't belong to students who remember the most—it will belong to those who reason the best.



**Book a Demo Session or a Pilot Program**



WEB

[www.adhyaapan.org](http://www.adhyaapan.org)

EMAIL

[info@adhyaapan.org](mailto:info@adhyaapan.org)

FOUNDER

[arjun.vijayanarayanan@adhyaapan.org](mailto:arjun.vijayanarayanan@adhyaapan.org)

CURIOSITY → COGNIZANCE → CAREERS



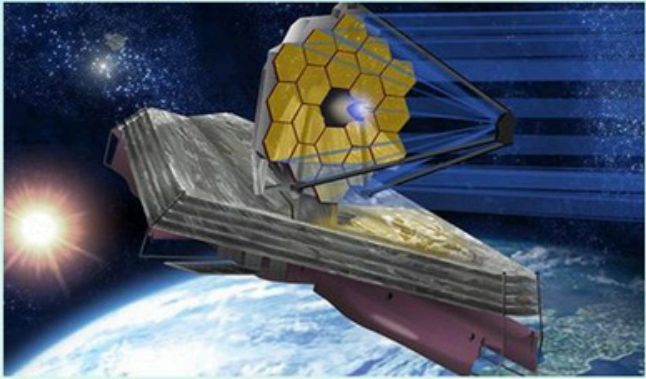
# Appendix

## APPENDIX · A REAL EXAMPLE

# Real-world application, in a *real session*

Two more actual session slides: beryllium in aircraft, and thigmonasty in wearables and prosthetics — abstract ideas shown at work, each opening real careers.

### Application of Beryllium in Aircraft




Many parts of supersonic aircraft are made of beryllium alloys because of their lightness, stiffness, and dimensional stability. Other applications make use of the non-magnetic and non-sparking qualities of beryllium and the ability of the metal to conduct electricity.

Career prospects

Aircraft engineer

Space Systems Engineer

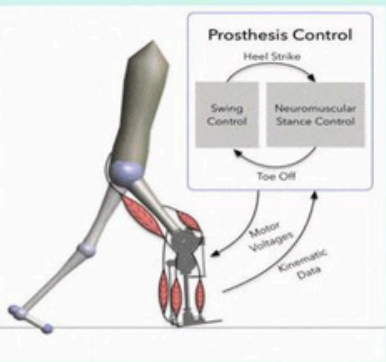

#CuriosityToCareers

### BERYLLIUM IN AIRCRAFT

Properties introduced through the periodic table become real engineering choices in aerospace and space systems - opening aircraft and satellite engineering.

### Applications Based on Thigmonasty





Wearable devices

Prosthetics

Possible Careers

Biomedical Engineer

Sensor Engineer


#CuriosityToCareers

### THIGMONASTY

A plant's touch response becomes the seed of wearable sensors and responsive prosthetics — opening biomedical and sensor engineering.

## APPENDIX · A REAL EXAMPLE

# Interdisciplinary, in a *real session*

An actual Adhyaapan session slide: one concept — nucleic acids — followed across chemistry and biology, then opened into the careers that use it.

### THE CONCEPT

The chemistry of acids and molecular structure carried into biology through nucleic acids - including modified nucleic acids (XNAs) and their emerging use in gene therapy and diagnostics.

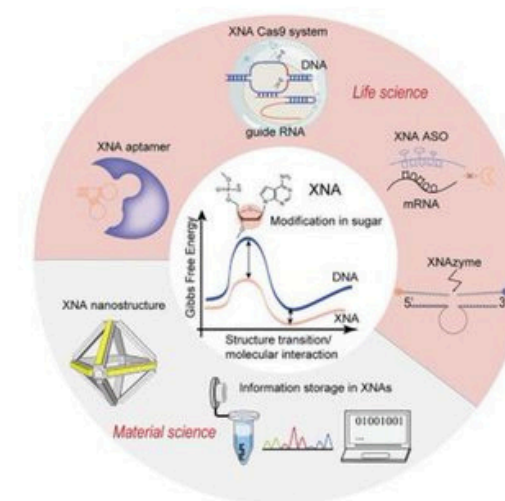
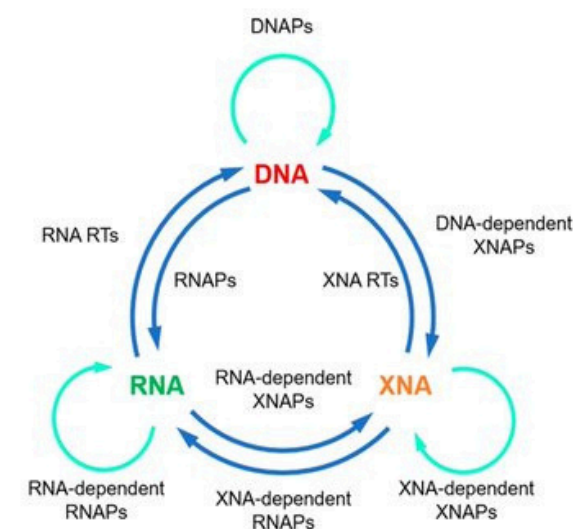
### WHY IT'S SHOWN

One textbook idea, followed wherever it leads — and ending where students rarely look: real roles like genetic engineer and aptamer specialist.

2025 - 26

## Interdisciplinary Aspect of Acids in Biology (Nucleic Acids)

- **Modified Nucleic Acids (XNAs):** These synthetic acids are revolutionizing gene therapy and diagnostics by offering improved stability and programmability for therapeutic molecules



- Peptide Nucleic Acid (PNA)
- Locked Nucleic Acid (LNA)
- Hexitol Nucleic Acid (HNA)
- Threose Nucleic Acid (TNA)
- Cyclohexene Nucleic Acid (CeNA)

Career Prospects

Genetic Engineer

Aptamer Specialist

## APPENDIX · CURRICULUM DETAIL

# Grades 6–10 — from noticing to independent *judgment*

|                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Grade 6</b><br/>Curious Noticer<br/>NOTICE · ASK</p> <p>Students begin noticing concepts and asking about them.</p> <p><b>LEARNING STRANDS</b><br/>Materials around us · Living world · Measurement &amp; number sense · Maps &amp; my place · Everyday work · Local inquiry</p> | <p><b>Grade 7</b><br/>Curious Connector<br/>OBSERVE · CONNECT</p> <p>Students find concepts outside the textbook and classroom.</p> <p><b>LEARNING STRANDS</b><br/>Forces &amp; design · Heat &amp; homes · Food &amp; living systems · Ratios &amp; decisions · Data &amp; numbers · Water &amp; settlements · Work &amp; markets</p> | <p><b>Grade 8</b><br/>Application Explorer<br/>APPLY · ANALYSE</p> <p>Students use concepts to compare options and make choices.</p> <p><b>LEARNING STRANDS</b><br/>Pressure &amp; fluids · Combustion &amp; clean choices · Sound &amp; communication · Percentages &amp; finance · Data &amp; media · Energy &amp; public life</p> | <p><b>Grade 9</b><br/>Interdisciplinary Investigator<br/>INVESTIGATE · EVALUATE</p> <p>Students take on problems that cross subject lines.</p> <p><b>LEARNING STRANDS</b><br/>Motion &amp; road safety · Matter &amp; industry · Cells &amp; health · Statistics &amp; claims · Geometry &amp; built environment · Climate &amp; trade-offs · Democracy</p> | <p><b>Grade 10</b><br/>Independent Thinker<br/>REASON · JUDGE</p> <p>Students reason through unfamiliar problems and weigh consequences.</p> <p><b>LEARNING STRANDS</b><br/>Electricity &amp; energy choices · Chemical industry &amp; environment · Heredity &amp; ethics · Trigonometry &amp; modelling · Probability &amp; risk · Globalisation · Governance</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Careers opened across these years span **mechanical & aerospace engineering, design, medicine & biotech, nutrition, data science, finance & risk, sustainability, economics, public policy, law and governance.**

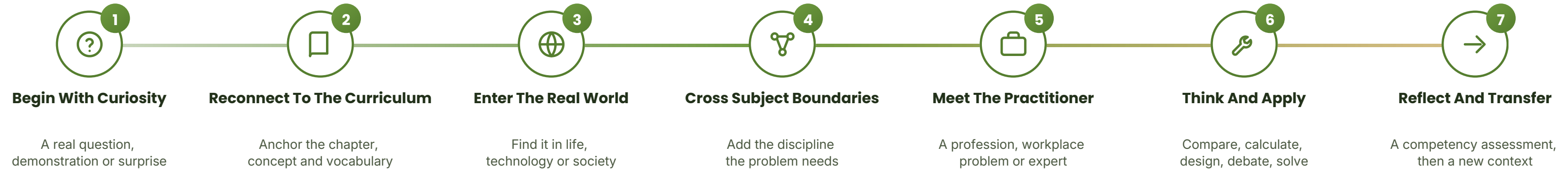


## APPENDIX · INSIDE A SESSION

# One session, *seven stages*

Every Adhyaapan application session follows the same seven-stage flow — the session engine referenced on “How It Works.”

### ONE SESSION · SEVEN STAGES



# Measure transfer, and bring in *real practitioners*

Assessment complements your exams. Ours asks whether students can interpret, connect, apply and reason, captured continuously across the year.



Evidence & Competency Rubric  
CAPTURED CONTINUOUSLY ACROSS THE YEAR

Entry Baseline

Activity Sheets

Endline

Educator Observation

Student Portfolio

School Impact Report

Post-Session Checks

|            |                                                       |
|------------|-------------------------------------------------------|
| Emerging   | Recognises a concept but needs support to apply it    |
| Developing | Explains a familiar application; reasoning incomplete |
| Proficient | Applies in a new context, with evidence and reasoning |
| Advanced   | Integrates concepts and transfers independently       |



The Expert Network  
PRACTITIONERS FROM UNCOMMON FIELDS

THE EXPERT NETWORK

Concepts come alive when a real practitioner walks students through them.

|                         |                                                             |
|-------------------------|-------------------------------------------------------------|
| Advocates & Law         | The Constitution and civics, seen from inside the courtroom |
| Ocean-Tech Scientists   | Earth science applied beneath the sea                       |
| Drone Manufacturers     | Force, motion and design, built into flight                 |
| Sports-Data Analysts    | Statistics that decide real games                           |
| Aerospace & Space       | From middle-school physics toward the journey to Mars       |
| ... and a growing bench | New careers added as concepts demand them                   |



The Educator Track  
THE CAPABILITY STAYS IN YOUR SCHOOL

THE EDUCATOR TRACK

The program reaches your teachers too. They co-teach, learn the method, and keep it after the cohort moves on.

|                          |                                                                                  |
|--------------------------|----------------------------------------------------------------------------------|
| Co-Teaching              | Your teacher is in the room for every session, never sidelined                   |
| Method, Not Just Content | They learn how to teach for application and transfer                             |
| Certification            | Educators completing the training pathway are certified in the Adhyaapan method. |
| Shared Materials         | Plans, primers and assessments they can reuse                                    |
| A Lasting Asset          | The capability stays in your school, year on year                                |