

LEARN, APPLY, LEAD

Join Now



Classes: 9–12
(Science & Commerce)

4 WEEKS PROGRAM

ACADEMIC SUMMER CAMP 2025

Objectives:

- ✓ Strengthen academic fundamentals.
- ✓ Enhance communication & critical thinking skills.
- ✓ Encourage practical application through projects & activities.
- ✓ Provide career guidance & real-world exposure.



WEEK 1:

Academic Foundation – Concepts & Clarity

SUBJECT	TOPICS	ACTIVITIES
Math	Algebra, Linear Equations, Number Systems	Vedic math tricks, Puzzle solving
Physics	Force, Motion, Newton's Laws	Mini-lab demos, Balloon car
Chemistry	Acids, Bases, Simple Reactions	DIY indicators, Safe experiments
Biology	Cells, Body Systems, Environment	Model making, Quiz
Commerce	Introduction to Accounting, Financial Terms	Create a ledger, Budget basics
English	Grammar, Vocabulary, Writing Skills	Word games, Group paragraph writing

WEEK 3:

Skill Development & Digital Tools

SKILL AREA	TOPICS	ACTIVITIES
Communication	Public Speaking, Group Discussions Extempore, Role Plays	Vedic math tricks, Puzzle solving
Digital Skills	Excel, PPT, Internet Safety	Create charts, Slides on topics
Financial Literacy	Savings, Investments, UPI, Wallets	Budget a trip, Expense tracking
Leadership & Teamwork	Time Management, Team Dynamics	Task-based competitions, Group projects

WEEK 2

Application & Experiments

SUBJECT	TOPICS	ACTIVITIES
Math	Geometry, Mensuration, Data Handling	Measurement activities, 3D models
Physics	Energy, Work, light, Sound	Sound wave experiment, Reflection games
Chemistry	Chemical Reactions, Everyday Chemistry	Food tests, pH tests
Biology	Nutrition, Diseases, Ecosystems	Poster making, Role plays
Commerce	GST, Tax, Banking Basics	Mock tax calculation, Role-play as banker
English	Essay, Speech, Debate Skills	JAM sessions, Debates, Speeches

WEEK 4

Career Orientation & Final Projects

THEME	DETAILS
Career Guidance	Talks by professionals: CA, Engineer, Doctor, Entrepreneur
Entrepreneurship	Business Idea Development & Pitching
Final Project	Group Presentation on an Academic Topic (science/commercial)
Academic Review	Revision quizzes, feedback, one-on-one mentoring

Daily Schedule



TIME	ACTIVITY
9:00 – 9:30 AM	Morning Energizer & News Reading
9:30 – 11:00 AM	Academic Core Session (Math/Science/Commerce)
11:00 – 11:15 AM	Break 
11:15 – 12:45 PM	Activity-Based Learning / Experiments
12:45 – 1:30 PM	Lunch 
1:30 – 2:30 PM	Skill Development / Career Session
2:30 – 3:00 PM	Reflection, Recap, Quiz/Journal Writing

Student Rewards

- ✓ Certificate of Completion
- ✓ Skill Progress Report
- ✓ Personal Presentation/Project File
- ✓ Recognition Awards: Best Communicator, Top Innovator, Team Leader, etc.



Facilitators

✓ **Subject Experts** (School/College Faculty)

✓ **Industry Professionals**

✓ **Psychologist/Career Coach**

✓ **Digital Skills Trainer**



Additional Components (Optional)

✓ **Educational Field Visit** (Local Industry/Bank/Lab)

✓ **Eco Day: Waste to Wealth Workshop**

✓ **Science & Commerce Quiz League**

✓ **Book Reading Corner or Library Hour**



More Information



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www.youthpathways.me

📍 **Location:** Happy Youth Pathways, near Maddar Medical Store, Bhikhiwind, Amritsar, India.



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