



# IBDP2 CRASH COURSE 2023

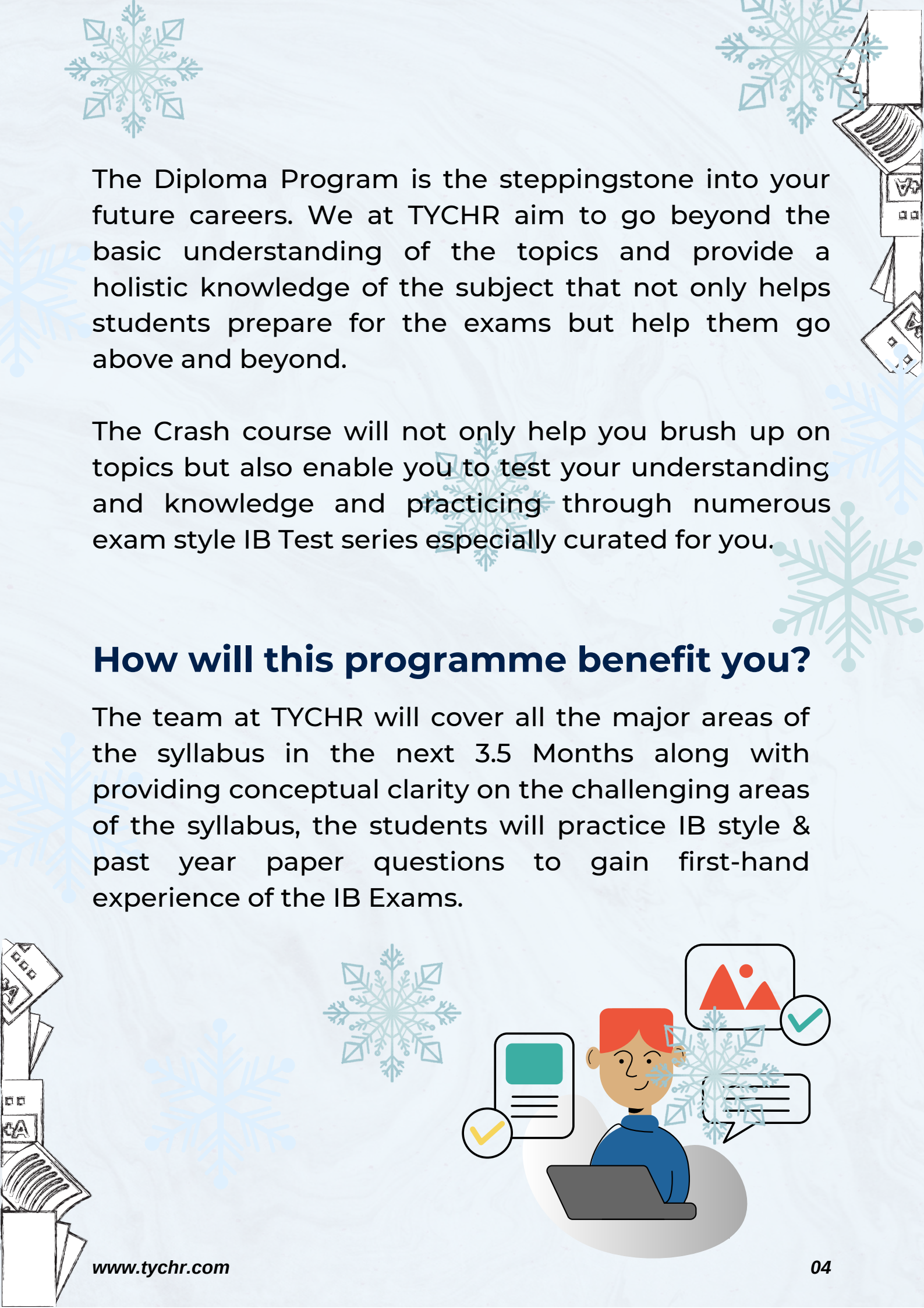


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# Introduction





The Diploma Program is the steppingstone into your future careers. We at TYCHR aim to go beyond the basic understanding of the topics and provide a holistic knowledge of the subject that not only helps students prepare for the exams but help them go above and beyond.

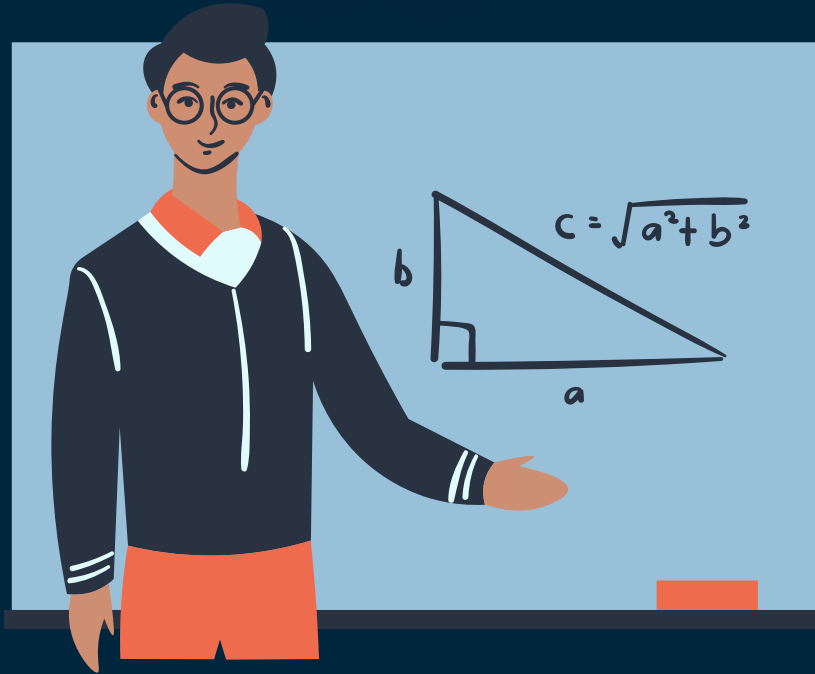
The Crash course will not only help you brush up on topics but also enable you to test your understanding and knowledge and practicing through numerous exam style IB Test series especially curated for you.

## How will this programme benefit you?

The team at TYCHR will cover all the major areas of the syllabus in the next 3.5 Months along with providing conceptual clarity on the challenging areas of the syllabus, the students will practice IB style & past year paper questions to gain first-hand experience of the IB Exams.



# Our Approach



**Holistic  
Syllabus  
Coverage**



**IB Style  
Assignment &  
Question  
Banks**



**Time Bound  
Test Series  
with Expert  
Feedback**

# Our Proven T.E.S.T Methodology

## THEORETICAL FRAMEWORK

The student participates in lessons from professional IBDP tutors in small batches of 5 students or fewer. They also get access to comprehensive, high-quality study material on almost every topic



## EXPLANATORY VIDEOS

After the student is comfortable with the basics, they begin to watch more explanatory videos to supplement their knowledge.

## STRENGTHENING CONCEPTS

The student then begins practicing with modular assignments to reinforce their skills. One-to-one mentoring sessions help iron out any misconceptions. Tychr also holds brainstorming sessions with faculty and students from different countries to help students plan their Extended Essay and ToK

## TIME BOUND TEST SERIES

Finally, the student moves on to solving question papers in exam-style conditions. They receive checked answer sheets and a comprehensive answer key to each. Tychr also provides performance analysis with real-time rankings for students around the world.

# Our Teachers





**Arpit Bhardwaj**  
Director & Co-Founder



**Taha Firdous Shah**  
University Of Cambridge



**Karandeep**  
St. Stephens College, IIT Delhi



**Atif**  
University of Cambridge



**Tanushi**  
MIT WPU, Pune



**Saurav**  
IIT Madras



# Course Structure



# Language & Literature



# ENGLISH A (HL & SL)

## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	<b>LANGUAGE</b> Opinion column, Cartoon, Comic strips, Essays
Jan 21- Feb 15	<b>LITERATURE</b> Understanding various global issues, Framing columns and texts based on global cultural issues, means of communication within media
Feb 16- Mar 10	Detailed exploration of literary works Understanding themes, genre, structure Usage of literary terms
Mar 11- April 5	Analyzing unseen texts
April 6- April 25	Exam style IB Test Series

## No. of Classes - 2 / Week



# Individuals & Societies



# BUSINESS MANAGEMENT (HL & SL)

## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	Unit 2 (2.1 to 2.6)
Jan 21- Feb 15	Unit 3 (3.1 to 3.9)
Feb 16- Mar 10	Unit 4 (4.1 to 4.8)
Mar 11- April 5	Unit 1 (1.1 to 1.7) & Unit 5 (5.1 to 5.7)
April 6- April 25	Exam style IB Test Series

## No. of Classes - 2 / Week



# ECONOMICS (HL & SL)

## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	Micro Economics (Paper 1,2 & 3)
Jan 21- Feb 15	Macro economics
Feb 16- Mar 10	Global Economy 1
Mar 11- April 5	Global Economy 2
April 6- April 25	Exam style IB Test Series

## No. of Classes - 2 / Week



# PSYCHOLOGY (HL & SL)

## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	Qualitative research methods
Jan 21- Feb 15	Simple experimental study
Feb 16- Mar 10	Abnormal Psychology/ Developmental Psychology
Mar 11- April 5	Psychology of human relationships/ health
April 6- April 25	Exam style IB Test Series

**No. of Classes - 2 / Week**

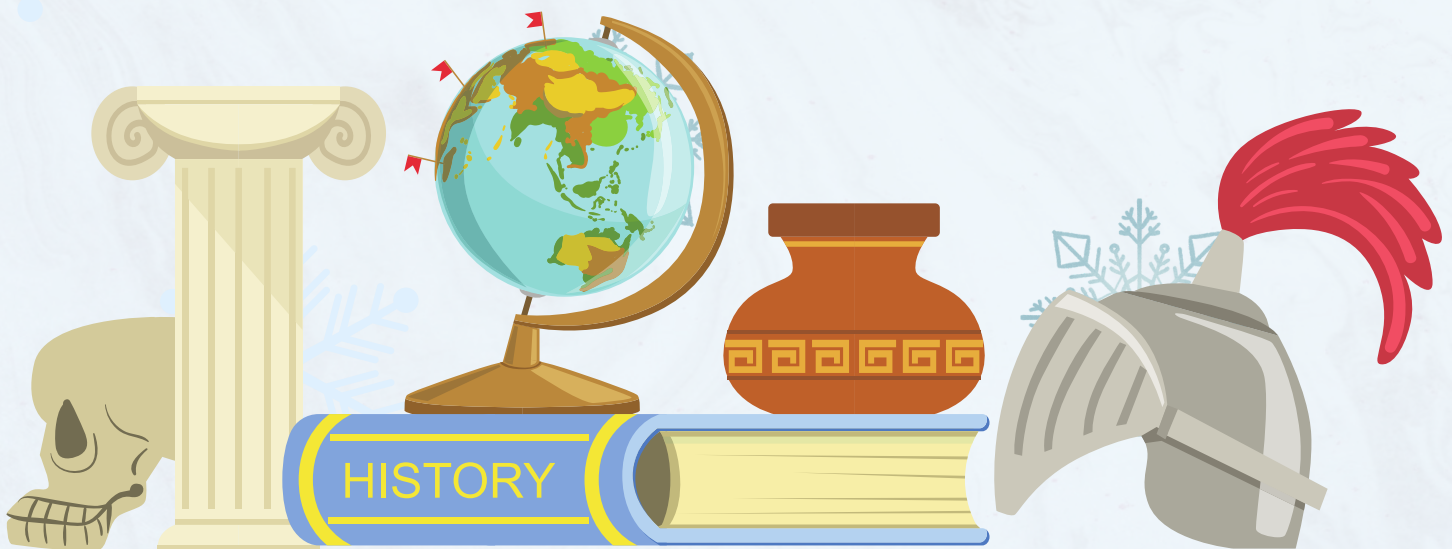


# HISTORY (HL & SL)

## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	MOVE TO GLOBAL WAR Japanese Expansion German Expansion
Jan 21- Feb 15	MOVE TO GLOBAL WAR Italian Expansion
Feb 16- Mar 10	Authoritarian States (2)
Mar 11- April 5	Depth Studies (one region specific area) (HL)
April 6- April 25	Exam style IB Test Series

## No. of Classes - 2 / Week





# Sciences



# PHYSICS (HL & SL)

## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	Unit 1 Measurements and Uncertainties Unit 2 Mechanics Unit 3 Thermal Physics
Jan 21- Feb 15	Unit 4 Waves Unit 5 Electricity and Magnetism Unit 6 Circular Motion and Gravitation
Feb 16- Mar 10	Unit 7 Atomic, Nuclear and Particle Physics Unit 8 Energy Production Unit 9 Wave Phenomenon
Mar 11- April 5	Unit 10 Fields Unit 11 Electromagnetic Induction Unit 12 Quantum and Nuclear Physics
April 6- April 25	Exam style IB Test Series

**No. of Classes - 3 / Week**



# CHEMISTRY (HL & SL)

## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	Stoichiometric Relationships Atomic Structure Periodicity
Jan 21- Feb 15	Chemical Bonding and Structure Energetics/ Thermochemistry Redox Processes
Feb 16- Mar 10	Equilibrium Acids and Bases
Mar 11- April 5	Chemical kinetics Organic Chemistry Measurement and Data Processing
April 6- April 25	Exam style IB Test Series

**No. of Classes - 3 / Week**



# BIOLOGY (HL & SL)

## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	Unit 1 (1.1 to 1.6) Unit 2 (2.1 & 2.2) Unit 5 (5.1 to 5.4)
Jan 21- Feb 15	Unit 2 (2.3 to 2.6) Unit 7 (7.1 to 7.3) Unit 9 (9.1 to 9.4)
Feb 16- Mar 10	Unit 2 (2.8 & 2.9) Unit 3 (3.1 to 3.6) Unit 4 (4.1 to 4.6) Unit 8 (8.1 to 8.3)
Mar 11- April 5	Unit 6 (6.1 to 6.6) Unit 10 (10.1 to 10.3) Unit 11 (11.1 to 11.3)
April 6- April 25	Exam style IB Test Series

**No. of Classes - 3 / Week**

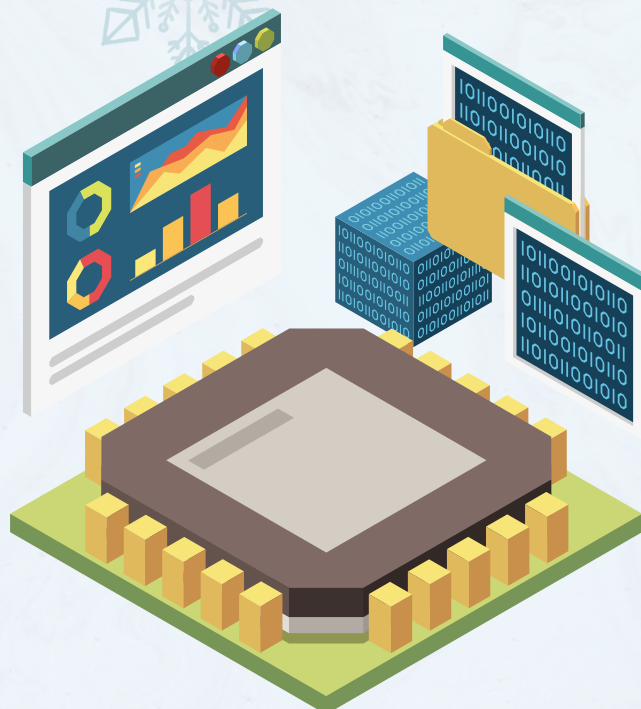


# COMPUTER SCIENCES (HL & SL)

## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	Computational Thinking, Problem solving and programming
Jan 21- Feb 15	Computer Organization
Feb 16- Mar 10	Networks
Mar 11- April 5	System Fundamentals
April 6- April 25	Exam style IB Test Series

**No. of Classes - 2 / Week**



# ENVIRONMENTAL SCIENCES

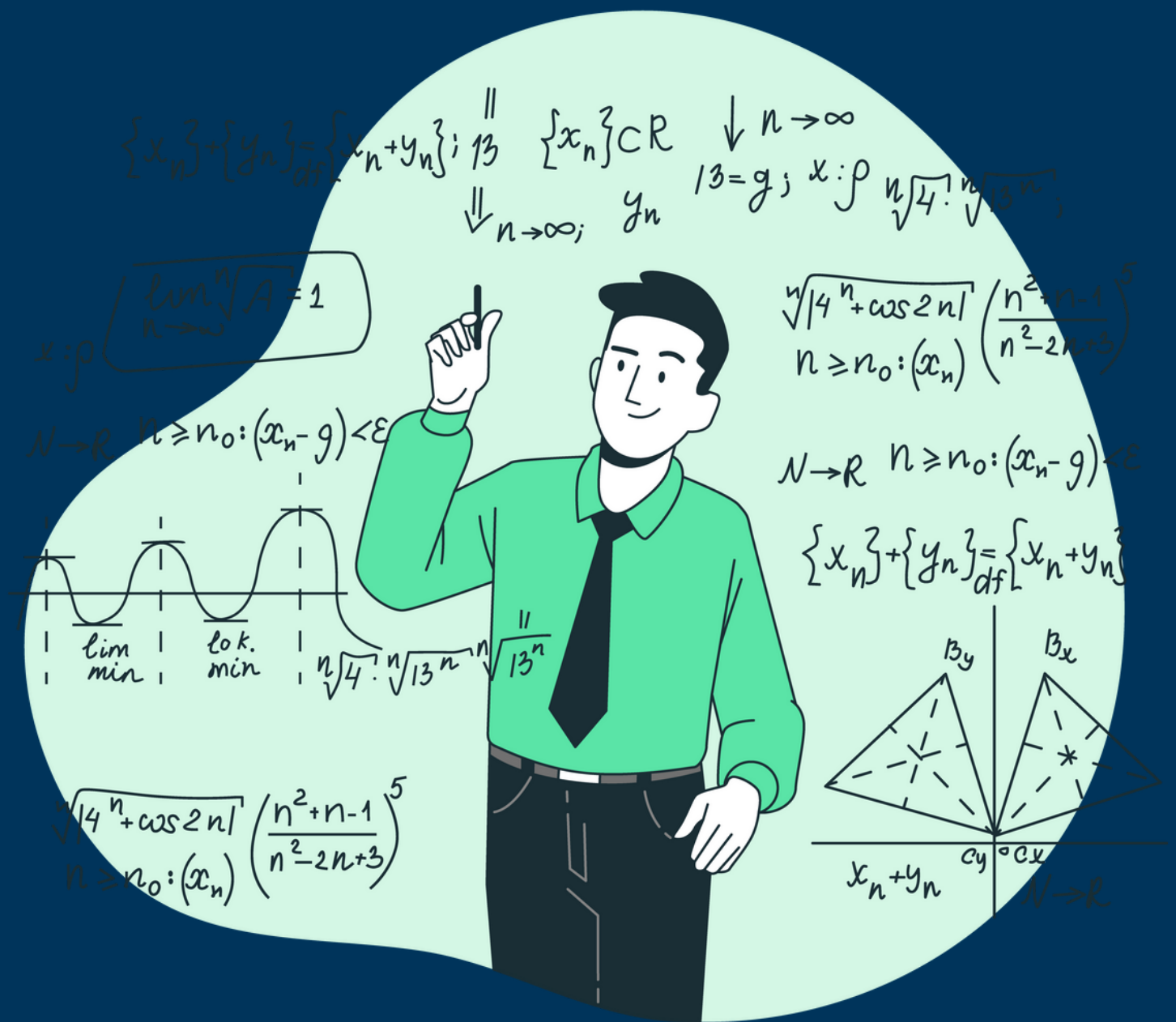
## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	1. Foundations of ESS 2. Ecosystems and Ecology 3. Biodiversity and Conservation
Jan 21- Feb 15	4. Water, aquatic food production systems and societies 5. Social systems, terrestrial food production systems and societies
Feb 16- Mar 10	6. Atmospheric systems and societies 7. Climate change and energy production 8. Human systems and resource use
Mar 11- April 5	Question discussion and application
April 6- April 25	Exam style IB Test Series

**No. of Classes - 2 / Week**



# Mathematics



# MATHEMATICS (HL&SL) (AA&AI)

## Schedule -

<u>Week</u>	Topics to be covered
Jan 8- Jan 20	Calculus
Jan 21- Feb 15	Functions
Feb 16- Mar 10	Geometry & Trigonometry, Numbers & Algebra
Mar 11- April 5	Statistics & Probability
April 6- April 25	Exam style IB Test Series

**No. of Classes - 3 / Week**



# OUR PACKAGES

<u>Subjects</u>	<u>Frequency</u>	<u>Fees</u>
Mathematics, Physics, Chemistry, Biology	3 classes per week	₹ 85,000/- per subject only (Inclusive of test series)
Business Management, Economics, ESS, Psychology, English, CS, History	2 classes per week	₹ 65,000/- per subject only (Inclusive of test series)

## DISCOUNT AVAILABLE:

On opting 3 subjects a **discount of 10%** is available on the gross amount.

For 4 or more subjects a **discount of 20%** will be provided on the gross amount.

# Results





**RUSHIL**

Podar International School, Mumbai  
Georgia Institute of Technology, US

**SAT Score - 1550/1600**

**IBDP Score - 45/45**

Year - 2019



**AMAN**

(The British School, New Delhi)

**IBDP Score - 43/45**

Year - 2022



**ESHAAN**

(Pathways World School, Aravali)

**IBDP Score - 42/45**

Year - 2021



**KARTIK**

(Pathways World School, Aravali)

**IBDP Score - 41/45**

Year - 2021



**CHEHAK**

(Pathways World School, Aravali)

**IBDP Score - 40/45**

Year - 2022



**RUHANI**

(The British School, New Delhi)

**IBDP Score - 40/45**

Year - 2022

# FAQ's





### **1) Do we get a trial class?**

One trial class can be availed for any one subject of your choice.

### **2) What if the student misses a lecture?**

A recorded lecture will be provided to the student to ensure that he/she don't miss out on their studies.

### **3) What material will the student receive?**

The student will receive subject specific material in the form of notes, assignments and tests

### **4) Is the fee refundable?**

The fee is non-refundable under any circumstances.



# CONTACT US



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