

Camp 2 - 2025 Online (Zoom) Summer Camp Schedule (PST Timings)

Class	Fee, \$	Mon	Tue	Wed	Thu	Fri
Vedic Maths (Grades 6 & above)	\$125	9.00-10.00AM	9.00-10.00AM	9.00-10.00AM	9.00-10.00AM	9.00-10.00AM
Python Coding	\$75	10.00-11.00AM		10.00-11.00AM		10.00-11.00AM
IM1 - 8th Grade Maths	\$75		10.00-11.30AM		10.00-11.30AM	
PreCalculus	\$75	11.15AM-12.45 PM		11.15AM-12.45 PM		
IM3-9th Grade Maths	\$75		10.30AM-Noon		10.30AM-Noon	
English Writing (Grades 3-5)	\$50	1.00-2.00PM		1.00-2.00PM		
English Writing (Grades 6 & above)	\$50	1.00-2.00PM		1.00-2.00PM		
Calcs AB	\$75		1.00-2.30PM		1.00-2.30PM	
Calcs BC	\$75		1.00-2.30PM		1.00-2.30PM	
7th Grade Maths	\$75	2.15-3.45PM		2.15-3.45PM		
IM2-8th Grade Maths	\$75	2.00-3.30PM		2.00-3.30PM		
Speech Program	\$75		3.00-4.00PM		3.00-4.00PM	
Spanish	\$50	3.30-5.00PM		3.30-5.00PM		
5th Grade Maths	\$75	5.00-6.30PM		5.00-6.30PM		
6th Grade Maths	\$75	5.00-6.30PM		5.00-6.30PM		
Debate Program	\$75		6.00-7.00PM		6.00-7.00PM	

Class Content

Speech Program

Eight one-hour sessions (Two sessions a week and 4 weeks a session) and competition

Speech Program covers Persuasive and Impromptu styles of presentations with a focus on 4Ps (Pace, Pause, Pitch and Projection) and GEMS (Gestures, Eye Contact, Movement and Stance).

In the Persuasive Speech Category, students will refine their skills in crafting persuasive speeches and delivering them effectively, while those in the Impromptu Speech Category will perfect the art of impromptu speaking.

The program participants will demonstrate their acquired skills during the competition.

Debate Program

Eight one-hour sessions (Two sessions a week and 4 weeks a session) and competition

The Debate Program covers the Public Forum debate style, which involves teams of two. A topic will be given during the first session. During the competition, the affirmation team speaks in favor of the topic, while the negation team argues against it.

The Public Forum Debate program offers numerous benefits, including the development of critical thinking, effective communication, research skills, persuasive abilities, confidence, teamwork, civic engagement, and intellectual growth. Participation equips individuals with valuable skills applicable in academics, careers, and civic life.

The program will conclude with a competition, where participants will showcase the skills they have acquired.

Python Coding (Grades 4-11)

Topics:

- 1. Why Python?**
- 2. Learn to write comments in Python & Learn to output text in Python**
- 3. Variables & Getting Inputs**
- 4. Basic data types & data types conversion; Boolean operators and conditions**

5. Loops : IF & While Loops
6. Lists
7. Tuples
8. Sets
9. Dictionaries
10. Functions
11. Introduction to Classes
12. Introduction to Modules/Libraries
13. **Modules: TBD**

Spanish Introduction (Spanish 1A)

Topics:

1. The Spanish Alphabets
2. The Spanish Numbers
3. The Spanish Colors
4. Greet People
5. Describe Family and Friends
6. Talk about Hobbies
7. Animals
8. Culture
9. Grammar / Vocabulary

English Writing

Week 1: Introduction to Essay and its categories

Objective: Essay components and concept of good essay writing.

Activities: Essay writing, introduction to a few essay categories, and analyze essay examples.

Week 2: Elements of [Persuasive Writing](#)

Objective: Explore essential elements like thesis statements and persuasive techniques.

Activities: Identify thesis statements, analyze persuasive techniques, practice identification.

Week 3: Research and Evidence Gathering

Objective: Teach students how to find credible evidence to support their opinions.

Activities: Introduce research methods, evaluate sources, gather evidence.

Week 4: Organizing and Outlining

Objective: Help students organize their persuasive essays effectively.

Activities: Discuss organizational structures, teach outlining, provide templates.

Each week builds upon the previous one, guiding students from understanding the basics of persuasive writing to effectively organizing their arguments with evidence

[Vedic Mathematics \(Grades 6th and above\)](#)

- Introduction to Vedic Mathematics
- Arithmetic
- Additions, Subtractions, Multiplications, Divisions
- Squares & cubes
- Square Roots, cubic Roots, 5th Roots
- LCM & HCF
- Divisibility
- Fractions
- Percentages
- Verification of results
- *Algebra (Algebraic Equations)

- Equation Additions, - Subtractions, Multiplications, Divisions
- Squaring Equations
- Solving Equations
- Factorization of Quadratic Equations
- Verification of results
- Trigonometry (for higher grades)
- Other Topics (if time permits)

Math for 5th Graders

Book: Free Easy Access Student Edition - Common Core 2019 - Grade 5

Link: <https://bim.easyaccessmaterials.com/index.php?level=6.00>

Topics:

Chapter 1: Place Value Concepts

Chapter 2: Numerical Expressions

Chapter 3: Add and Subtract Decimals

Chapter 4: Multiply Whole Numbers

Chapter 5: Multiply Decimals

Chapter 6: Divide Whole Numbers

Chapter 7: Divide Decimals

Chapter 8: Add and Subtract Fractions

Chapter 9: Multiply Fractions

Chapter 10: Divide Fractions

Chapter 11: Convert and Display Units of Measure

Chapter 12: Patterns in the Coordinate Plane

Chapter 13: Understand Volume

Chapter 14: Classify Two-Dimensional Shapes

Math for 6th Graders

Book: Free Easy Access Student Edition - Common Core 2019 - Grade 6

Link: <https://bim.easyaccessmaterials.com/index.php?level=7.00>

Topics:

Chapter 1: Numerical Expressions and Factors

Chapter 2: Fractions and Decimals

Chapter 3: Ratios and Rates

Chapter 4: Percents

Chapter 5: Algebraic Expressions and Properties

Chapter 6: Equations

Chapter 7: Area, Surface Area, and Volume

Chapter 8: Integers, Number Lines, and the Coordinate Plane

Chapter 9: Statistical Measures

Chapter 10: Data Displays

Math IM1 7th Grade Maths

Book: <https://bim.easyaccessmaterials.com/index.php?level=11.00>

Topics:

6. Solving Linear Equations

7. Solving Linear Inequalities
8. Graphing Linear Functions
9. Writing Linear Functions
10. Solving Systems of Linear Equations
11. Exponential Functions and Sequences
12. Data Analysis and Displays
13. Basics of Geometry
14. Reasoning and Proofs
15. Parallel and Perpendicular Lines
16. Transformations
17. Congruent Triangles

Mathematics IM2 8th Grade Maths

Book: <https://bim.easyaccessmaterials.com/index.php?level=12.00>

Topics:

1. Functions and Exponents
2. Polynomial Equations and Factoring
3. Graphing Quadratic Functions
4. Solving Quadratic Equations
5. Probability
6. Relationships within Triangles
7. Quadrilaterals and other Polygons
8. Similarity
9. Right Triangles and Trigonometry

10. Circles

11. Circumference, Area, and Volume

Mathematics IM3 9th Grade Maths

Book: <https://bim.easyaccessmaterials.com/index.php?level=13.00>

Topics:

- 1. Geometric Modeling**
- 2. Linear and Quadratic Functions**
- 3. Graphing Quadratic Functions**
- 4. Polynomial Functions**
- 5. Exponential and Logarithmic Functions**
- 6. Rational Functions**
- 7. Sequences and Series**
- 8. Trigonometric Ratios and Functions**
- 9. Trigonometric Identities and Formulas**
- 10. Data Analysis and Statistics**

Mathematics PreCalcs 10th Grade Maths

Book:

Topics:

- 1. Geometric and Algebraic Interpretations of Functions**
- 2. Linear and Quadratic Inequalities**
- 3. Rational Functions**
- 4. Exponential and Logarithmic Functions and Applications**

5. Trigonometric Functions and Properties

Java Coding Classes 7th -10th Grades

- Introduction to OOP
- Start with Eclipse
- Data Types
- Constructs
- Operators
- Creating a sample application (Calculator)
- Additional OOP Concepts
- Creating a game
- Working with HTML/Applets - advanced