



## Grade-wise Math Program - Strengthening Logic and Confidence, Step by Step, Since 2016

Parinama Academy has been nurturing young mathematical minds through structured, concept-based Math programs since 2016.

Our Grade-wise Math classes are thoughtfully designed for students from Grades 1 to 8 and beyond that as well, focusing on building strong foundations, logical reasoning, and problem-solving skills.

Math at Parinama goes beyond formulas—it's a journey that develops critical thinking, confidence, and a lifelong love for learning.

### Program Duration & Structure

Our Math classes are conducted year-round, with continuous enrollment available throughout the academic year.

- Each class: 1 hour
- Frequency: Once per week
- Total: 4 sessions per month

Students advance through clearly defined belt levels, with regular assessments and certificates that celebrate their growth and achievement.



#### Fee Structure - Grade Pre K - 5

- Once a Week - 1 class per week
- Total no of 4 classes per Month - \$167
- Registration Fee \$59
- Material Fee \$39
- Your card will be charged \$98, which includes the \$59 registration fee and the \$39 material fee.



#### Grade Pre 6-8

- Once a Week - 1 class per week
- Total no of 4 classes per Month - \$179
- Registration Fee \$59
- Material Fee \$39
- Your card will be charged \$98, which includes the \$59 registration fee and the \$39 material fee.





## Parent and Student Handbook

- How do students join Math classes?
- Enrollment begins with a short placement assessment (online or in-person) to evaluate each student's current level and learning needs. Based on the results, a customized lesson plan is designed to strengthen specific concepts and support individual learning goals.
- Do you follow a structured syllabus?
- Yes! Each grade follows a well-defined curriculum aligned with school standards and enrichment goals. Each curriculum is organized into a series of belts, with each belt covering a set of topics. Upon completing the topics, students take an assessment before advancing to the next belt, fostering both confidence and a healthy competitive spirit.
- Do you offer group or private classes?
- We offer small group classes (4–6 students per batch) for collaborative learning. Private one-on-one classes are also available, with tailored pricing reflecting the exclusive attention given to each child.
- Do you offer group or private classes?
- We offer small group classes (4–6 students per batch) for collaborative learning. Private one-on-one classes are also available, with tailored pricing reflecting the exclusive attention given to each child.
- What makes Math at Parinama unique?
- Our approach combines concept mastery with real-world application. Students explore math through engaging puzzles, activities, and games—making learning enjoyable, practical, and lasting.
- Do students receive worksheets or practice tests?
- Students receive daily worksheets for practice, along with a workbook to reinforce learning at home. Monthly assessments and mock tests are conducted upon completion of each belt, and certificates are awarded to recognize their achievement and progress.
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# Parinama Academy

- Do students participate in competitions?
- Yes! We actively prepare and encourage students for contests such as Math Kangaroo, MOEMS, AMC, CBE and various school-level Olympiads. Our advanced batches include dedicated competition training.
- What will my child learn in Pre-K Math classes?
- Our detailed syllabus is available on our website and a sample is also attached below for your reference. (Algebra)

White Belt 1	
#	Sprints (6 Weeks)
1	Rational & Irrational Numbers
2	Introduction to Algebra & Coordinate Plane
3	Equivalent Expressions
4	Undefined & Indeterminate Expressions
5	Introduction to Functions
6	Review/Assessment



**White Belt 1**

Yellow Belt 1	
#	Sprints (6 Weeks)
1	Rate Conversions & Appropriate Quantities
2	Slope- Introduction, Graphing & Calculating
3	Intercepts - Introduction, Application & Interception (from graph, equation & table)
4	Linear Equations Word Problems (Using tables & graphs)
5	Using Graphs to Analyze Data
6	Review/Assessment



**Yellow Belt 1**

White Belt 2	
#	Sprints (6 Weeks)
1	Equations and Inequalities
2	Equations With Variables On Both Sides
3	Linear Equations With Parentheses
4	Multi Step Inequalities
5	Compound & Double Inequalities
6	Review/Assessment

**White Belt 2**

Yellow Belt 2	
#	Sprints (6 Weeks)
1	Forms Of Linear Equations
2	Linear Relationships
3	Slope-Intercept Form - Introduction, Graphing, & Solving Equations
4	Point-Slope Form
5	System Of Equations With Graphing (Exact & Approximate Solutions)
6	Review/Assessment



# Parinama Academy

Green Belt 1	
#	Sprints (6 Weeks)
1	System Of Equations With Substitution
2	System Of Equations With Elimination
3	Equivalent Systems Of Equations & Number Of Solutions To Systems Of Equations
4	Graphing Inequalities
5	Solving Systems Of Inequalities
6	Review/Assessment



Green Belt 1

Blue Belt 2	
#	Sprints (6 Weeks)
1	Sequences
2	Arithmetic & Geometric Sequences - Introduction-Construction
3	Absolute Value & Piecewise Functions
4	Exponents & Radicals
5	Decay, Exponential & Linear Growth
6	Review/Assessment



Blue Belt 1

Green Belt 2	
#	Sprints (6 Weeks)
1	Algebraic Functions- Introduction, & Evaluation
2	Interpreting Function Notation & Determining Domain of functions
3	Recognizing Functions, Intervals & Features Of Graphs
4	Average Rate Of Change- Introduction & Word Problems
5	Experimental probability
6	Review/Assessment



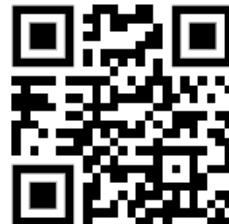
Green Belt 2

Blue Belt 2	
#	Sprints (6 Weeks)
1	Polynomials, Binomials & Factoring Quadratics
2	Parabolas & Quadratic Functions
3	Quadratic Formula
4	Completing The Square
5	Quadratic Equations - Introduction, Features & Forms
6	Review/Assessment



Blue Belt 2

Scan for syllabus -





# Parinama Academy

- Do you offer group or private classes?
- Yes, we offer:
- Small Group Classes (4–6 students per batch) – ideal for collaborative play and peer learning.
- Private One-on-One Classes – tailored coaching for focused improvement.
- Do you host Math competitions?
- Yes! We organize Math Kangaroo and Math Olympiad competitions, and also offer dedicated preparation classes to help students excel and gain confidence in these contests.
- How do you keep young children engaged in Math?
- We use a play-based approach with colorful manipulatives, puzzles, songs, and storytelling. Lessons are short, dynamic, and designed to hold their attention while reinforcing foundational concepts.
- How do you track progress for little learners?
- Children's progress is observed through fun activities and interactive tasks. Parents receive regular updates on milestones, emerging skills, and areas to encourage at home.
- What are the schedules?

In-Person Classes	Online Classes:
<ul style="list-style-type: none"><li>• Monday: 3 PM–7 PM</li><li>• Tuesday: 3 PM–7 PM</li><li>• Wednesday: 3 PM–7 PM</li><li>• Thursday: 3 PM–7 PM</li><li>• Friday: 3 PM–7 PM</li><li>• Saturday: 11 AM–3 PM</li><li>• Sunday: 11 AM–3 PM</li></ul>	<ul style="list-style-type: none"><li>• Wednesday: 5 PM–8 PM</li><li>• Thursday: 4 PM–6 PM</li><li>• Saturday: 11 AM–3 PM</li><li>• Sunday: 9 AM–2 PM</li></ul>

# Parinama Academy

- What is your makeup policy?
- To request a makeup class, please complete the Student Absence Notification Form:  
<https://forms.gle/HPJsc37bC66sGFbF9>
- Requests will be processed within 24-72 hours.
- All makeup classes must be attended within 10 days of the missed session.
- If a scheduled makeup class is missed, no additional class will be provided, but worksheets will be shared to support continued learning.



- What is your cancellation policy?
- To cancel your enrollment or stop auto-billing, please complete the Cancellation Form:  
<https://forms.gle/AX37ghxttChH62FKA>
- A 30-day notice period is required, as mentioned in your welcome email.

- Who will be teaching Math at Parinama Academy?
- At Parinama Academy, our Math classes are led by a team of experienced and passionate instructors who specialize in nurturing young mathematical minds. Each teacher is dedicated to building strong foundations, enhancing problem-solving skills, and boosting confidence, all while making learning engaging and enjoyable. Through personalized guidance, interactive lessons, and innovative teaching methods, our instructors ensure that every child reaches their full potential—whether in class activities, practice exercises, or skill-building challenges.



Let's have a look at some of them:-



## MICHAEL KALEOHANO

MULTI-SUBJECT TUTOR | MATH • ENGLISH  
• SOCIAL STUDIES • COLLEGE PREP

### ADVANCED PLACEMENT (AP) EXAMS

- U.S. Government & Politics
- Human Geography
- U.S. History
- European History
- Macroeconomics
- Microeconomics
- Comparative Government & Politics
- World History
- English Literature & Composition
- English Language & Composition

### PROFILE

I am a committed tutor with experience across a wide range of subjects—including Math, English, and Social Studies—and have a strong record of helping students master challenging topics. I specialize in making complex concepts in U.S. History, Government, World History, English, and Math approachable and engaging for every learning style. My goal is to create an empowering environment that builds both competence and confidence in every student I teach.

### COURSES & SUBJECTS TAUGHT

#### Core Subjects

- Math K-12
- English K-12
- Business English for Adults
- Creative Writing
- Debate
- SAT English
- College Essay Writing
- College Counseling

### TEACHING APPROACH

- **Personalized Instruction** - Tailored lessons for diverse learning styles.
- **Engaging Methods** - Encourages critical thinking and active participation.
- **Confidence Building** - Helps students gain mastery and self-assurance.

Ms. Nehal Vohra



## NEHAL VORA

Tutor – English, Math, Science, Geography, Hindi (Grades Pre-K to 3)

### ABOUT ME

Dedicated and compassionate educator with over 20 years of teaching experience and a decade of professional expertise as a Medical Laboratory Technician. Holding a Bachelor's degree in Science (Microbiology) and a Diploma in Pathology, I specialize in creating individualized learning methods that cater to each student's strengths and learning pace. My goal is to help young learners reach their full potential and establish a strong academic foundation through engaging, hands-on, and structured lessons.

### EDUCATION

- Bachelor's Degree in Science (Microbiology)
- Diploma in Pathology

### EXPERIENCE

- Tutor at Parinama Academy (2021 – Present) – Teaching English, Math, Science, Geography, and Hindi for Grades Pre-K to 3.
- Medical Laboratory Technician – 10+ years of experience handling diagnostic procedures and pathology lab operations.
- Teacher – 20+ years of teaching experience across varied subjects with personalized instruction methods.

### SKILLS & EXPERTISE

- Customized teaching strategies
- Strong foundation in STEM and language education
- Early childhood development expertise
- Student motivation and engagement

Dr. Arif Mahmud



## Dr. Arif Mahmud

Assistant Professor, School of Community Health and Policy, Morgan State University

### **ABOUT ME**

Dr. Arif Mahmud is a public health physician and medical epidemiologist with over 15 years of experience in research and five years in academia. His expertise includes maternal and child health, infectious and chronic disease epidemiology, and community-based research. He has worked with icddr,b, UNFPA, Johns Hopkins Bloomberg School of Public Health, and the Texas Department of State Health Services. Currently, he is an Assistant Professor at Morgan State University, where he teaches and directs courses such as Global Public Health, Basic Epidemiology, and the MPH Capstone Project.

### **CONTACT**

-  arif.mahmud@morgan.edu
-  Austin, Texas
-  <https://www.linkedin.com/in/arif-ba-mahmud/>

### **RESEARCH INTERESTS**

Maternal and Child Health, Community-Based Participatory Research, Infectious and Chronic Disease Epidemiology.

### **PROFESSIONAL MEMBERSHIPS**

- CSTE
- APIC
- SHEA
- APHA
- AMCHP

### **EDUCATION**

- DOCTOR OF PUBLIC HEALTH (DRPH), MORGAN STATE UNIVERSITY, BALTIMORE, MARYLAND, USA – 2020
- MASTER OF PUBLIC HEALTH (MPH), SWISS TROPICAL AND PUBLIC HEALTH INSTITUTE, UNIVERSITY OF BASEL, SWITZERLAND – 2011
- DIPLOMA IN POPULATION SCIENCES (DPS), UNIVERSITY OF DHAKA, BANGLADESH – 2010
- DIPLOMA IN HEALTH CARE AND MANAGEMENT IN TROPICAL COUNTRIES, SWISS TROPICAL AND PUBLIC HEALTH INSTITUTE, UNIVERSITY OF BASEL – 2005
- BACHELOR OF MEDICINE AND SURGERY (MBBS), COMILLA MEDICAL COLLEGE, UNIVERSITY OF CHITTAGONG, BANGLADESH – 2000

### **SELECTED PUBLICATIONS**

- Baqui AH, McCollum ED, Mahmud A, et al. (2020). Population-based incidence and serotype distribution of invasive pneumococcal disease prior to introduction of conjugate vaccine in Bangladesh. *PLOS ONE*, 15(2): e0228799.
- McCollum ED, Ahmed S, Mahmud A, et al. (2020). Effectiveness of 10-valent pneumococcal conjugate vaccine against radiographic pneumonia in rural Bangladesh. *Vaccine*, 38(42): 6508–6516.
- Lee ACC, Mullany LC, Mahmud A, et al. (2020). Urinary tract infections in pregnancy: prevalence, risk factors, and antibiotic resistance. *BMC Pregnancy and Childbirth*, 20:1.
- O'Keefe AM, Mahmud A, et al. (2019). What differentiates underserved smokers who successfully quit? *Journal of Community Health*, 44(1): 44–51.

Mehak Mehmi is one of our dedicated teachers who specializes in preparing students for Math, focusing on grades K through 5.



## Mehak Mehmi

Competitive & Advanced Math Instructor

### About Me

Over a year of teaching experience in Math Olympiad for 5th-6th grade students. Skilled at making lessons engaging and challenging, fostering a positive learning environment, and inspiring students to think critically and approach problems creatively. Demonstrates strong commitment to helping students excel in competitive and higher-level mathematics.

### Contact

 mehak.mehmi@gmail.com  
 Austin, Texas  
 [linkedin.com/in/mehak-mehmi](https://www.linkedin.com/in/mehak-mehmi)

### Volunteer Work

• Doctor Shadowing & Medical Blog – Documented observations in internal medicine.  
• National & French Honor Societies – Recognized for scholarship and leadership.  
• Athletics – JV Lacrosse Captain, Varsity Player, and Track Team participant.

### Skills

- Advanced Mathematical Problem Solving
- Engaging Lesson Planning & Delivery
- Leadership & Team Collaboration
- Public Speaking & Communication
- Multilingual: English, Hindi (fluent); French & Punjabi (basic)

### Education

- CASE WESTERN RESERVE UNIVERSITY – B.S. IN NEUROSCIENCE (PRE-MED TRACK)
- WESTWOOD HIGH SCHOOL, AUSTIN, TX – AP SCHOLAR AWARD, HONOR GRADUATE
- AUSTIN COMMUNITY COLLEGE – DUAL ENROLLMENT: BRITISH LITERATURE & COMPOSITION I & II

### Work Experience

- **(2023 – Present)**  
MATH OLYMPIAD INSTRUCTOR
  - Designed and taught advanced problem-solving lessons for competitive math.
  - Encouraged multiple strategies and critical thinking.
- **(2021 – 2023)**  
FOUNDER & PRESIDENT – HELPING HANDS ACS
  - Created and led a cancer-awareness club partnering with the American Cancer Society.
  - Organized events, managed budgets, and led outreach.
- **(2022)**  
WEBINAR SPEAKER – DIGITAL4GOOD + #ICANHELP
  - Delivered a national webinar on youth leadership and community building
- **(2021 – 2023)**  
HOSPITAL VOLUNTEER
  - Assisted with patient care tasks, logistics, and communication with families and staff.