

GanitGenie's Enrichment Courses in Mathematical Sciences

Weekly Puzzles – (April 2021)

- Elementary level – Grades 4+
- Intermediate level – Grades 7+

Elementary Courses – Grades 4 & 5

- Basics of Arithmetic 1 (June 2021)
- Basics of Arithmetic 2 (November 2021)

High School Courses – Grades 6 - 9

- Basics of Algebra 1 (August 2021)
- Basics of Geometry 1 (April 2021)
- Algebra 2 (August 2021)
- Geometry 2 (April 2021)



Courses will commence from
1st week of April 2021

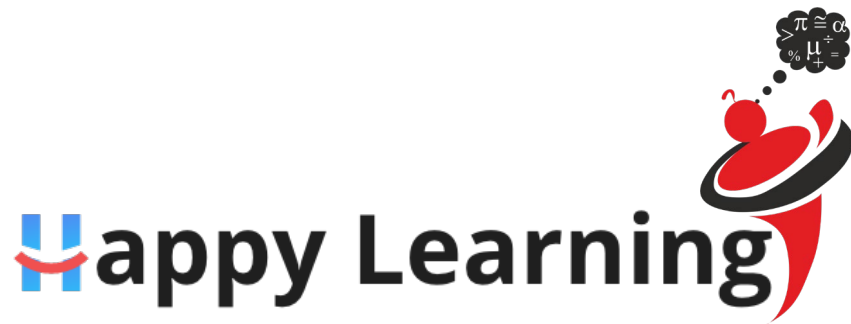
Enrichment Courses
Designed for Self Paced Learning!



GanitGenie Pvt. Ltd.

GanitGenie's Enrichment Courses are perfect for students aspiring to **learn the Why of Mathematical Sciences** in an integrated way and is entirely online, including Recorded Video Lessons, Work Books, Downloadable Worksheets , Virtual Interaction Sessions, Assessments and Video Solutions.

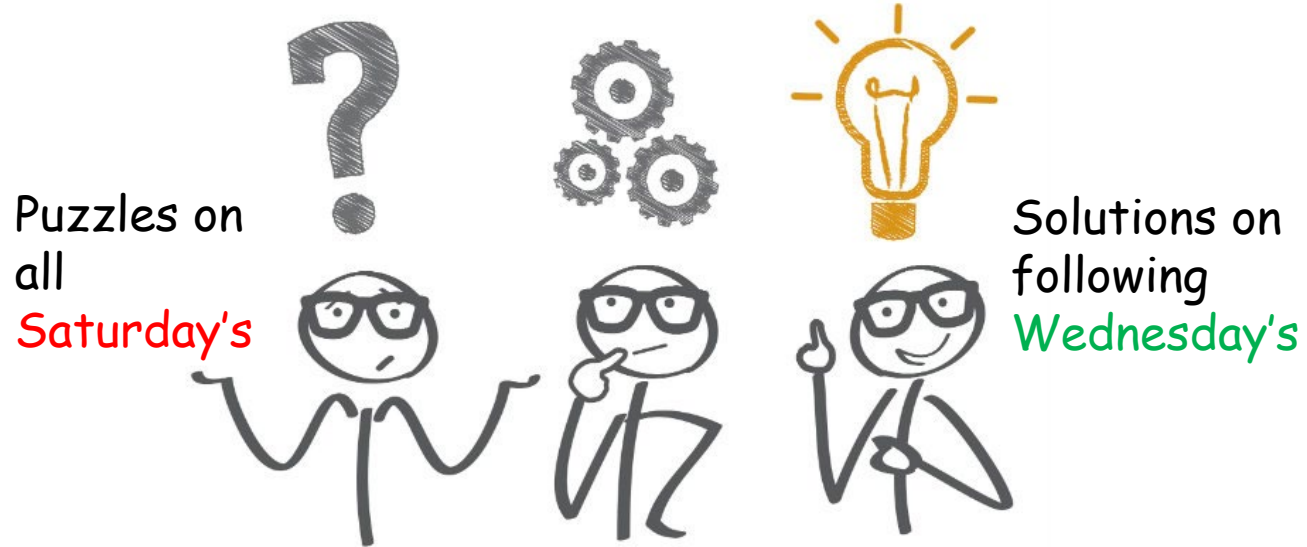
The courses are specially designed for self-paced learning along with weekly interactions.



Learn-Along with our **Weekly Puzzles!**

Develop the **HABIT** of Solving Problems!

Weekly Puzzles (Problems / Questions / Experiments) from various areas of Mathematics / Sciences is designed to provide students an opportunity to think and solve problems, build experiments which will help build confidence and will greatly help develop a life – transforming HABIT.



How do you get started?

Try out our **Weekly Puzzles!**

It's completely **FREE!**

1. Login to: ganitgenie.com or join our GanitGenie's Family Math (WhatsApp) Group.
2. From the Family Math & Science Section, Choose your level of interest:
Weekly Puzzles –
Elementary Level (Grades 4+)
Intermediate Level (Grades 7+)
3. Check for New Puzzles on all Saturday's
4. Check for the Solutions on the following Wednesday's



Elementary Course – Grades 4 and 5

Grades
4 & 5

Basics of Arithmetic 1

Duration: 5 Months (June to October)

Mode: Online

Timings: Saturday's – 4:00pm to 4:45pm
(Online - Interaction)
Sunday's – 10:00am to 10:45am

Topics: (In Brief)

1. Four Basic Rules of Simple & Compound Quantities
2. Measures – Money, Linear Measure, Weights & Capacity, Square Measures, Cubic Measures, Numbers & Time
3. Fractions – Visual Patterns, Proper and Improper Fractions, Equivalent Fractions, Comparison of Fractions, Mixed Numbers, Fraction Operations, Complex Fractions and Verbal Problems.
4. Non-Routine Problems

FEE: Rs.9000/- + GST



Basics of Arithmetic 2

Duration: 5 Months (November to March)

Mode: Online

Timings: Saturday's – 4:00pm to 4:45pm
(Online - Interaction)
Sunday's – 10:00am to 10:45am

Topics: (In Brief)

1. Factors and Primes
2. HCF and LCM
3. Decimals – Place Value illustration, Decimal Operations & Verbal Problems.
4. Percentages
5. Ratio and Proportion
6. Verbal Problems – Work, Time, Distance, Averages, etc.

FEE: Rs.9000/- + GST



High School Courses – Grades 6 - 9

Grades
6 +

Basics of Geometry 1

Duration: 4 Months (April to July)

Mode: Online

Timings: Wednesday's – 7:15pm to 8:00pm
(Online - Interaction)
Saturday's – 7:15pm to 8:00pm

Topics: (In Brief)

1. Angle Measurements – Clock Angles, Angles of Pattern Block Polygons, Angles in a Triangle – Interior and Exterior, Angles and Triangles in a Circle, Intercepted Arc, Tangents and Inscribed Angles.
2. Polygons – Triangles from Sides & Angles, Convex Polygons, Regular Polygons & Stars, Nonconvex Polygons and Diagonals.
3. Symmetry – Triangle & Quadrilateral Symmetry, Rotation & Line Symmetry.
4. Triangles and Quadrilaterals
5. Perimeter and Area
6. Distance and Square Root
7. Angles and Ratio

FEE: Rs.8000/- + GST

Basics of Algebra 1

Duration: 6 Months (August to February)

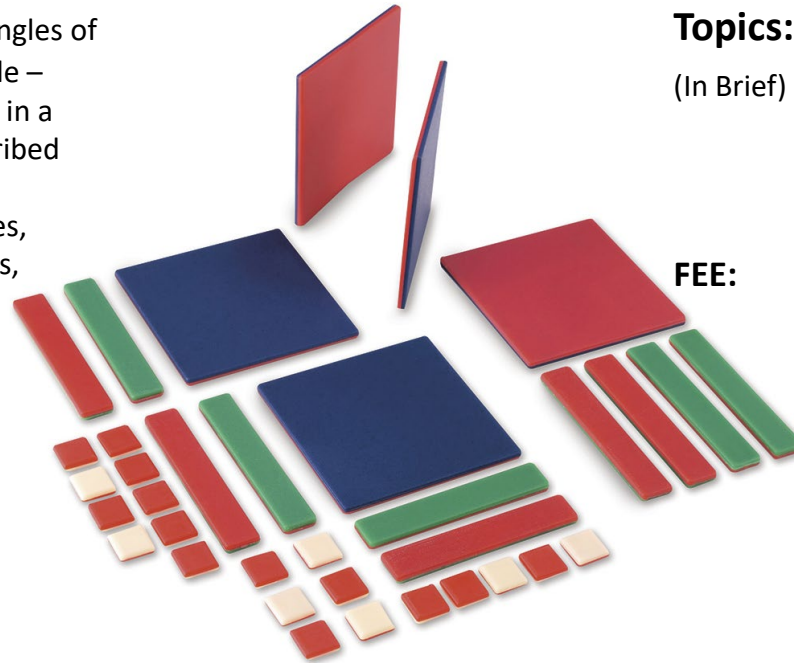
Mode: Online

Timings: Wednesday's – 7:15pm to 8:00pm
(Online - Interaction)
Saturday's – 7:15pm to 8:00pm

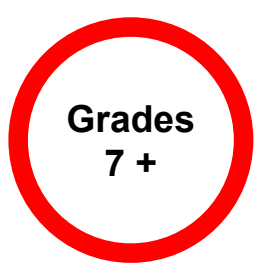
Topics: (In Brief)

1. Base, Exponents and Powers
2. Polynomials & Operations with Polynomials.
3. Solving Equations
4. Verbal Expressions and Equations
5. Simultaneous Equations & Graphs

FEE: Rs.12000/- + GST



High School Courses – Grades 7 - 9



Basics of Geometry 2

Duration: 4 Months (April to July)

Mode: Online

Timings: Wednesday's – 6:00pm to 6:45pm
(Online - Interaction)
Saturday's – 6:00pm to 6:45pm

Topics: (In Brief)

1. Congruence of Line Segments, Angles & Triangles.
2. Transformations – Reflection, Rotation & Translation.
3. Geometric inequalities & Parallel lines.
4. Quadrilaterals
5. Ratio, Proportion & Similarity
6. Circles
7. Mensuration – Surface Area & Volume

FEE: Rs.9600/- + GST

Basics of Algebra 2

Duration: 6 Months (August to February)

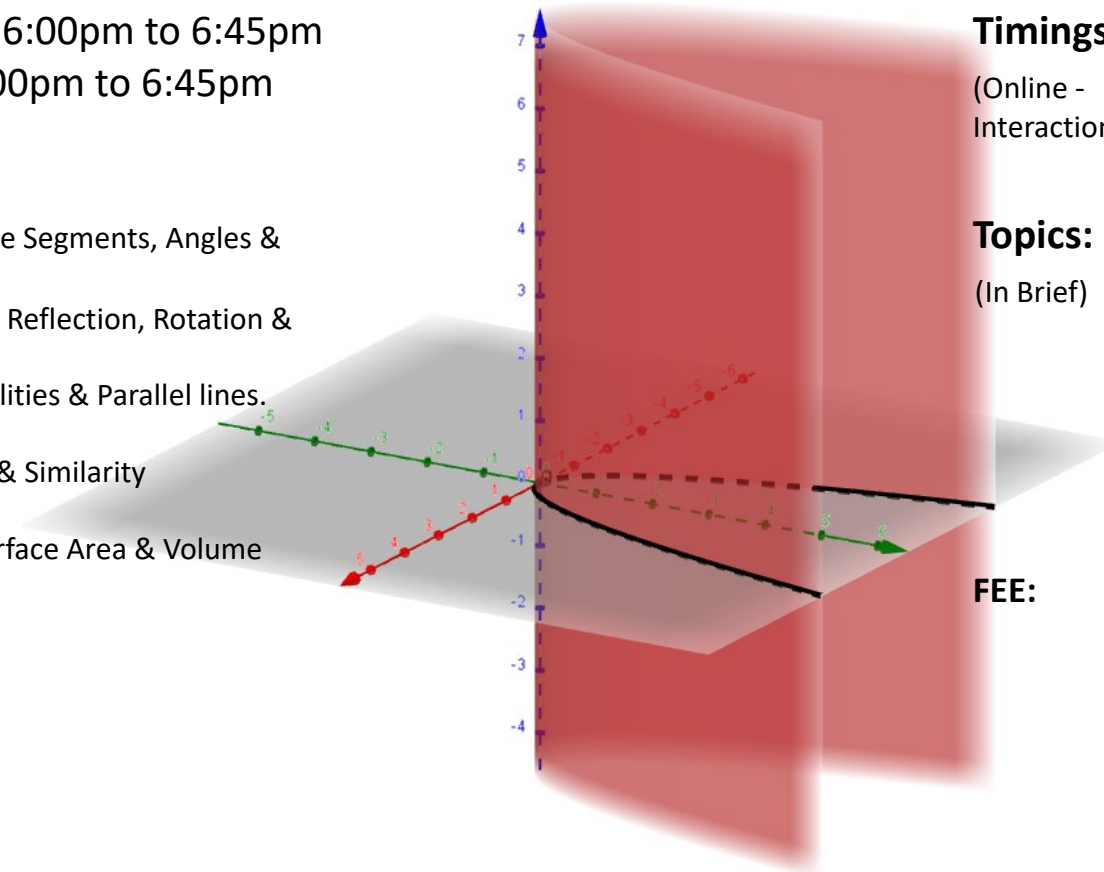
Mode: Online

Timings: Wednesday's – 6:00pm to 6:45pm
(Online - Interaction)
Saturday's – 6:00pm to 6:45pm

Topics: (In Brief)

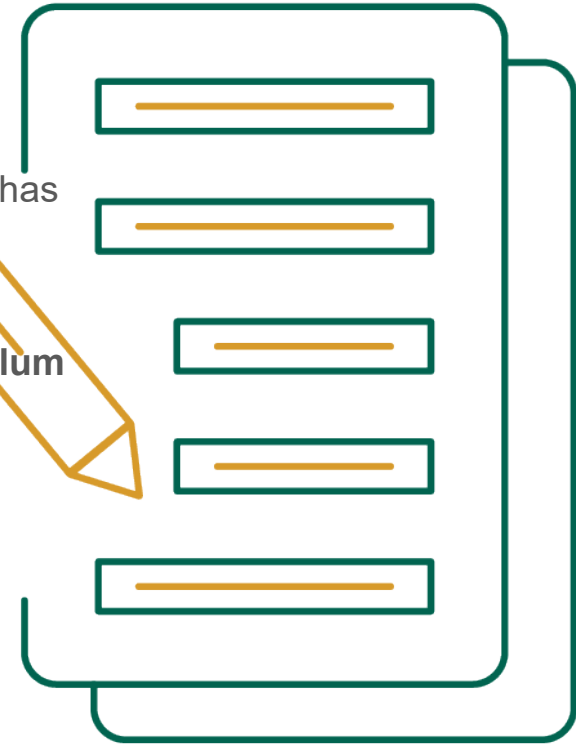
1. Inequalities
2. Simultaneous Equations & Verbal Problems.
3. Algebraic Identities & Factoring Polynomials.
4. Graphing Linear Relations & Inequalities
5. Quadratic Equations
6. Graphing Quadratic Relations
7. Progressions (AP & GP)

FEE: Rs.14400/- + GST



Guidelines

- We recommend Students those who are new to this type of course to first take Arithmetic 1 (Grades 4 & 5), Geometry 1 (Grades 6 to 9) and Algebra 1 (Grades 6 to 9) courses before moving on to Arithmetic 2, Geometry 2 and Algebra 2.
- You have to build on a firm base if you are to proceed happily; otherwise it is like climbing a ladder which has some rungs missing, or, more dangerously, rungs which appear to be in place until you tread them on.
- **Arithmetic 1 & 2, Geometry 1 & 2 and Algebra 1 & 2 covers 80 % of the entire Mathematics Curriculum** of Grades 4 to 10 Syllabus of CBSE / ISC / IGCSE / IB or any other Board.



Technology Requirements

1. Do have a reliable Internet connection.
2. We will use **Microsoft Teams** for our Virtual Classes and to access course materials and submit assignments electronically. Students are expected to check TEAMS Classroom regularly.
3. We will use **GeoGebra** (a Graphing Software) to explore new concepts and make connections between various representations of functions, solve equations graphically and numerically, perform Geometrical Operations and analyse and interpret results.



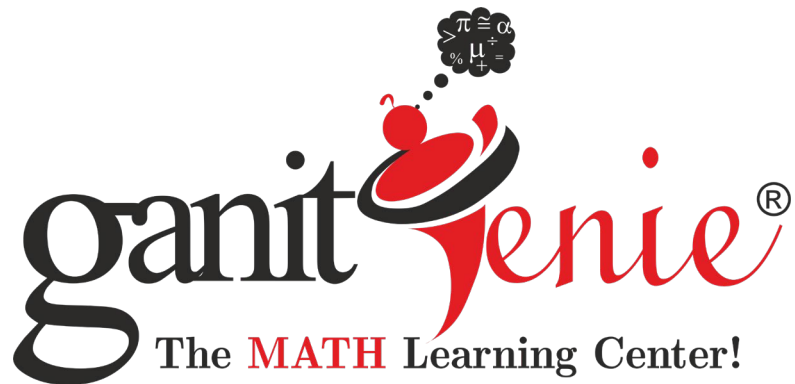
GanitGenie Pvt. Ltd.

 ganitgenie.com

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 [ganitgenie](https://www.youtube.com/ganitgenie)

 ganitgenie@gmail.com


The **MATH** Learning Center!

**ENROLL
NOW!**