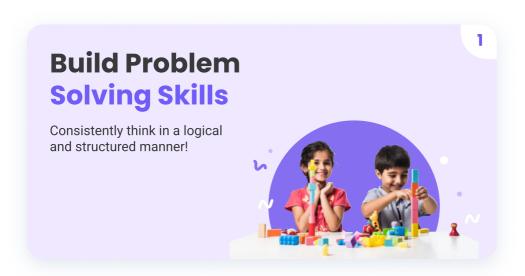
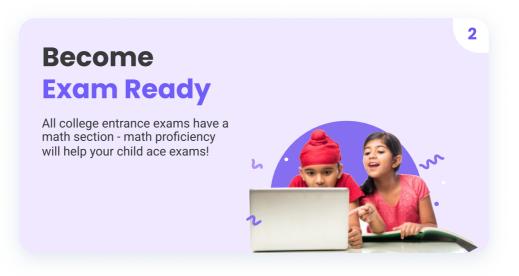


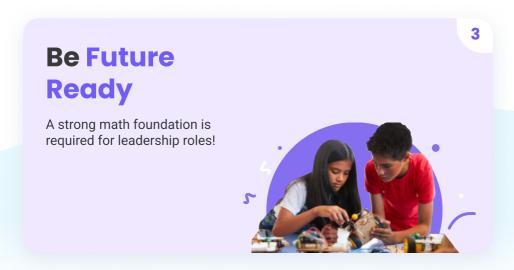
# **Maths at Lido Learning:**

Your child can become an extraordinary problem solver!

### The Benefits of Learning Maths Now:







# LIDO

# Why is Maths at Lido the perfect choice:



### Curriculum

Lido's World-Class Curriculum is designed by Harvard, Stanford, and IIT Alumni!



### Group Classes

Lido's group classes result in better conceptual understanding, a fun learning environment, and holistic personality development!



#### **Tutors**

Lido's smart yet empathetic teachers are trained rigorously to not just teach but mentor your child!



### **Personalisation**

Lido personalizes your child's experience

— from creating the perfect batch to
personalized homework after each class

— so that your child can reach their full
potential!



### **Parent Tracking**

Lido tutors will ensure you know how your child is performing, including areas of development, through regular Parent-Teacher Meetings (PTMs) and the performance tracking feature within the Super Parent App!



## The perfect Math course for academic and lifelong excellence!



#### **Teach Lessons**

Teach lessons focus on building conceptual understanding through animated videos, games, and interactive activities.



#### - The Concept

Each concept is introduced through a real-world example, which pushes students to ask for the "why" behind the "what" and builds curiosity.



#### **The Discovery**

Apply the concept by creating models & representations. This helps identify patterns and principles and understand the formulae, so students never memorise Maths again.



#### Practice

To reinforce learning, all lessons have in-lesson practice and end of class guizzes. Outside of class, students get personalised practice sets driven by AI.



#### **Exam Revision Lessons**

In order to retain any information in our brain, we have to refresh it periodically. Revision lessons are based on the concept of "spaced repetition", where students revise and practice core concepts at regular intervals.



#### **Workout Lessons**

Students practice all concepts covered in a chapter through intensive problem solving. This inforces their learning and builds confidence for school tests.



#### **Milestone Test Lessons**

Every unit ends in a milestone test that assesses the overall progress of the student. Students received a detailed analysis of their strength and weaknesses after each test, as well as personalized practice.

Q Lido Exclusive!

5



#### **Project-Based Lessons**

Students create engaging projects set around challenges and problems they may face in the real world. Our project-based approach guarantees that math comes to life by creating games and building apps



**Lido Exclusive!** 

#### **Logic and Reasoning** Lessons

These lessons develop students' logical and analytical skills, enabling them to be fully prepared for Olympiads and other competitive exams.



Q Lido Exclusive!

#### **Mental Math Lessons**

These lessons are focused on improving students' speed of calculation to provide them with an edge over their peers in exams.

Q Lido Exclusive!



#### **Parent-Teacher Meets**

At LIDO, we believe that parents need to be engaged participants in their child's learning journey. PTM lessons are periodic meetings where teachers review student progress with parents.





### Chapter 1

### **Real Numbers**

#### What you will learn



L1: Euclid's Division Lemma: Concept and Exploration



L4: Fundamental Theorem of Arithmetic



L7: Rational and Irrational Numbers: Workout



L2: Euclid's Division Algorithm: Finding HCF



L5: Rational Numbers and their **Decimal Expansion** 



L8: Real Numbers: Milestone Test



L3: Euclid's Division Algorithm: Workout



L6: Revisiting Irrational Numbers

#### What you will earn

#### **Chief-of-Numbers Certificate**

Earned for displaying mastery over concepts of Real Numbers.



### Chapter 2

### **Polynomials**

#### What you will learn



L9: Zeroes of a Polynomial



L10: Zeroes of a Quadratic Polynomial



L11: Division Algorithm for Polynomials



L12: Polynomials: Workout



L13: Polynomials: Milestone Test

#### What you will earn

#### **Polynomial Conqueror Certificate**

Earned for displaying mastery over a complex topic like polynomials!







### Chapter 3

### **Quadratic Equations**

#### What you will learn



L14: Quadratic Equations: **Finding Roots** 



L17: Discriminant and Nature of Roots



L20: Quadratic Equations: Word **Problems Workout** 



L15: Roots of Quadratic **Equations: Various Methods** 



L18: Discriminant and Nature of Roots: Workout



Workout

L19: Quadratic Equations: Word

L16: Roots of Quadratic Equations:



L21: Quadratic Equations: Milestone Test

What you will earn

#### **Quadratic Equations Expert Certificate**

Earned for solving quadratic equations in the blink of an eye!





### Chapter 4

### **Arithmetic Progression**

#### What you will learn



L22: Arithmetic Progression: Introduction and Nth term



L23: Nth Term of an AP: Workout



L24: Sum of the Terms of an AP



L25: Sum of the Terms of an AP: Workout



L26: Arithmetic Progression: Milestone Test

What you will earn

#### **Progressor-in-Chief Certificate**

Earned for working on number series and predicting upcoming numbers.







### E Chapter 5

### Pair of Linear Equations in Two Variables

#### What you will learn



L27: Pair of Linear Equations in Two Variables: Introduction



L30: Solution of Pair of Linear **Equations: Substitution Method** 



L33: Solution of Simultaneous Linear Equations: Workout



L36: Simultaneous Linear **Equations: Word Problems Workout** 



L28: Graphical Solution of Simultaneous Linear Equations



L31: Solution of Pair of Linear **Equations: Elimination Method** 



L34: Simultaneous Linear Equations: **Special Cases** 



L37: Pair of Linear Equations in Two Variables: Milestone Test



L29: Consistency and **Inconsistency Conditions** 



L32: Solution of Pair of Linear **Equations: Cross Multiplication** Method



L35: Simultaneous Linear Equations: Word Problems

What you will earn

#### Rationalist-in-Chief Certificate

Earned for displaying mastery over rational and irrational numbers!





Chapter 6

Algebra: Case-Study Based Learning

#### What you will learn



L38: ALGEBRA: NCERT Exemplar Practice





Chapter 7

### **Triangles**

#### What you will learn



L39: Similarity of Triangles



L40: Similarity Criteria for Triangles



L41: Similarity Criteria for Triangles: Workout



L42: Area of Similar Triangles



L43: Pythagoras Theorem and **Applications** 



L44: Basic Proportionality Theorem and Converse



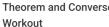
L45: Basic Proportionality Theorem and Converse:



L46: Triangles: Workout



L47: Triangles: Milestone Test



What you will earn

#### Triumph-over-Triangles Certificate

Earned for acing concept of similarity in triangles.





### E Chapter 8

### **Revision & Board Paper Discussion: I**

#### What you will learn



L48: Euclid's Division Algorithm and **Fundamental Theorem of Arithmetic:** Revision



L49: Rational and Irrational Numbers: Revision



L50: Polynomials: Revision



L51: Arithmetic Progression: Revision 1



L52: Arithmetic Progression: Revision 2





Chapter 9

### Circles

#### What you will learn



L53: Tangents of a Circle



L54: Properties of Tangents



L55: Theorems on Tangents of Circles



L56: Circles: Workout



L57: Circles: Milestone Test

What you will earn

#### **Circles Conqueror Certificate**

Earned for successfully solving questions on the properties of a circle and its tangents.





E Chapter 10

### **Coordinate Geometry**

#### What you will learn



L58: Distance Formula



L59: Section Formula



L60: Area of a Triangle



L61: Coordinate Geometry: Workout



L62: Coordinate Geometry: Milestone Test

What you will earn

#### Coordinator-in-Chief Certificate

Earned for solving complex problems on Distance and Section formula and finding an area of a triangle!







El Chapter 11

### Constructions

#### What you will learn



L63: Divide a Line Segment in a given Ratio



L64: Construct a Triangle similar to a given Triangle



L65: Construct Tangents to a given Circle



L66: Constructions: Milestone Test

What you will earn

#### **Architect-in-Chief Certificate**

Earned for constructing triangles and circles using the given dimensions!





El Chapter 12

### **Probability**

#### What you will learn



L67: Probability of an Event



L68: Probability: Workout



L69: Probability: Milestone Test



What you will earn

#### **Probability Pioneer Certificate**

Earned for mastering probability with lightning speed.





El Chapter 13

### **Revision & Board Paper Discussion: II**

#### What you will learn



L70: Solving Quadratic **Equations: Revision** 



L73: Solutions of Simultaneous Linear Equations: Revision



L76: Basic Proportionality Theorem: Revision



L79: Tangents and Circle Properties: Revision



L71: Discriminant of Quadratic **Equations: Revision** 



L74: Consistency and **Inconsistency Conditions: Revision** 



L77: Similar Triangles: Revision



L72: Quadratic Equations - Word Problems: Revision



L75: Word Problems on Simultaneous Linear Equations: Revision



L78: Pythagoras Theorem: Revision





### 🖺 Chapter 14

### **Introduction to Trigonometry**

#### What you will learn



L80: Introduction to Trigonometric Ratios



L83: Trigonometric Ratios of Specific Angles: Workout



L86: Trigonometric Identities



L81: Trigonometric Ratios: Workout



L84: Trigonometric Ratios of **Complementary Angles** 



L87: Proofs using Trigonometric Identities



L82: Trigonometric Ratios of Specific Angles



L85: Trigonometry: Workout



L88: Trigonometry: Milestone Test



#### What you will earn

#### **Trigonometry Expert Certificate**

Earned for successfully mastering the basics of trigonometry.





El Chapter 15

### **Applications of Trigonometry**

#### What you will learn



L89: Applications of Trigonometry: Introduction



L90: Solving Right Angled Triangles: Word Problems



L91: Applications of Trigonometry: Workout



L92: Applications of Trigonometry: Milestone Test

What you will earn

#### **Trigonometry Titan Certificate**

Earned for applying the concepts of trigonometry to real-life scenarios!





E Chapter 16

**Trigonometry: Case-Study Based Learning** 

#### What you will learn



L93: TRIGONOMETRY: NCERT Exemplar Practice





🖺 Chapter 17

### **Areas related to Circles**

#### What you will learn



L94: Revisiting Perimeter and Area of a Circle



L97: Area of Combination of Plane Figures: Workout



L95: Area of Sector and Segment of a Circle



L98: Areas related to Circles: Workout



L96: Area of Combination of Plane Figures



L99: Areas related to Circles: Milestone Test



#### What you will earn

#### **Mensuration Expert Certificate**

Earned for quickly calculating the perimeter and area of circles, its sector and segment.





E Chapter 18

### Surface Area and Volume

#### What you will learn



L100: Surface Area and Volume of Solids: Recall



L103: Surface Area and Volume of Combination of Solids: Workout



L106: Surface Area and Volume: Workout 1



L101: Surface Area of a **Combination of Solids** 



L104: Conversion of Solids



L107: Surface Area and Volume: Workout 2



L102: Volume of a Combination of Solids



L105: Frustum of a Cone: Surface Area and Volume



L108: Surface Area and Volume: Milestone Test



What you will earn

#### **Surface Area Superstar Certificate**

Earned for achieving mastery over the concepts of Surface area and Volume of a combination of various solids.



E Chapter 19

Mensuration: Case-Study based Learning

#### What you will learn



L109: MENSURATION: NCERT Exemplar Practice





El Chapter 20

### **Statistics**

#### What you will learn



L110: Mean of Grouped Data: **Direct Method** 



L111: Mean of Grouped Data: Assumed Mean and Step Deviation Method



L112: Mode of Grouped Data



L113: Median of Grouped Data



L114: Measures of Central Tendency: Workout



L115: Cumulative Frequency Distribution and its Graphical Representation



L116: Statistics: Milestone Test

What you will earn

#### **Super Statistician Certificate**

Earned for mastering the concepts of measures of central tendency.







### El Chapter 21

### **Revision & Board Paper Discussion: III**

#### What you will learn



L117: Coordinate Geometry: Revision



L120: Trigonometric Identities:



L123: Constructions: Revision



L126: Surface Area and Volume: Revision 2



L118: Probability: Revision



L121: Areas related to Circles: Revision



L124: Applications of Trigonometry: Revision



Revision

L122: Area of Combination of Plane Figures: Revision

L119: Trigonometric Ratios:



L125: Surface Area and Volume: Revision 1



L127: Statistics: Revision



### E Chapter 22

### **Board Exam Preparation & Mock Test**

#### What you will learn



L128: Triangles & Coordinate Geometry: Exam Prep



L131: Applications of Trigonometry & Statistics: Exam Prep



L134: Surface Area and Volume: Exam Prep



L129: Simultaneous Linear Equations & Area related to Circles: Exam Prep



L132: Quadratic Equations & Circles: Exam Prep



L130: Trigonometric Ratios & Number Systems: Exam Prep



L133: Arithmetic Progression & Constructions: Exam Prep



**Exam Preparation** 



### The perfect classroom for your child

#### Personalised attention & Collaborative learning

Individual feedback, Group and Project based learning lessons, collaboration and active learning supported by AI are skills our children use through out their lifetime.

#### Play and learn!

Games, quizzes, roleplays, and a lot more to make learning a fun experience for your child.

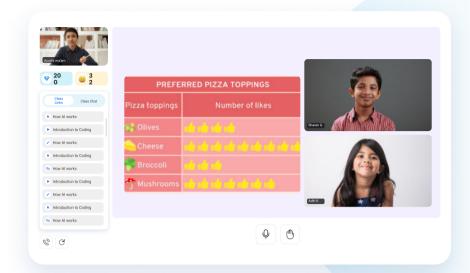
Milestone projects
With us, your child will write stories, write poetry, and even build apps!

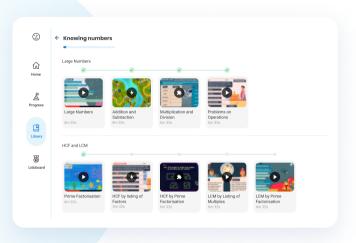
#### Apply learnings to real life

Your child will apply coding, speaking, and counting in real-life

#### Property Designed by Harvard, Stanford, and IIT alums

Your child will learn in a program designed by the leaders in education, especially for kids.





### Learning continues after class

#### **Customised library**

Al-driven learning for your child to practice concepts.

#### Project website

Your child can display their milestone projects and share them with family and friends.



### Super parent app

### **Student performance**

Track your child's progress, attendance, and course completion.



#### 

Support and guidance 6 days a week

### Built by a team from













McKinsey & Company

TEACHFORINDIA