

# Maths at Lido Learning:

Your child can become an extraordinary problem solver!

## The Benefits of Learning Maths Now:

### Build Problem Solving Skills

Consistently think in a logical and structured manner!



1

### Become Exam Ready

All college entrance exams have a math section - math proficiency will help your kid ace exams!



2

### Be Future Ready

A strong math foundation is required for leadership roles!



3

# 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!

7 different types of lessons to ensure a solid foundation in concepts and ensure that you can apply learnings to real life

1



## 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 memorize Maths again



### Practice

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

4



## 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

2



## Workout Lessons

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

3



## Milestone Test Lessons

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

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!

6



## Logic and Reasoning Lessons

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

7



## Mental Math Lessons

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

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

# Project-Based Learning:

## Why memorize when you can solutionize?

For too long, Math has been a subject that students have hated or feared - since the expectation is rote learning and mugging up formulas and sums, instead of real world application

### How we do it

#### Step 1: Identify the Problem

Breakdown the problem using logic and critical thinking to identify the key Math formulae and concepts.

#### Step 2: Brainstorm and Prototype

Explore and analyze data, brainstorm with your classmates, and model out different solutions before finalizing on your approach to tackling the problem.

#### Step 3: Build your solution

Use block-based coding to bring your solution to life in the form of an app or game that can be used in the real world.

#### Step 4: Improve based on Feedback

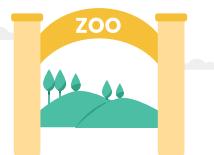
Once you submit your project, it is graded by our expert teachers who provide detailed feedback to ensure constant improvement. You also receive a detailed report with your scores and progress on the Lido skills matrix.

#### Step 5: Add to your Learning Portfolio

Every project you build at Lido is added to your very own learning portfolio so you can track your progress, and share your successes with your family and friends!

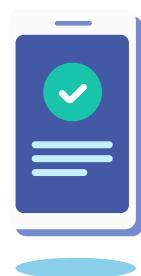
### Make your own zoo

Having trouble with geometrical concepts like area and perimeter? Use these same concepts to create a virtual zoo for some homeless animals!



### Measurement app

Difficulty in remembering key conversion formulae? Become a conversion master by designing an app to convert one unit of measurement to another!



### Event Planning and Maths

Having trouble with accounting concepts like profit and interest? Use your business acumen to manage the expenses of an event and ensure that you spend within budget!



### Design your Colony

Difficulty with handling data? Hone your data handling skills by designing your own colony while taking into account your citizens' likes and dislikes. Create a colony which will be loved by all!



**CBSE and ICSE aligned**

Covers key concepts in CBSE and ICSE curriculum across the course of the year

**Personalised attention & coaching**

With only 6 students per class, your child gets personalised attention from carefully selected teachers

**Milestone tests**

At the end of every chapter, to prepare for school exams

**Project based learning**

Math beyond the classroom with interactive projects and display in your learning portfolio

**Apply learnings to real life**

Your child will apply Vedic Maths, mental math strategies, logic, reasoning and more in real life situations

**Designed by Harvard, Stanford, and IIT alums**

Your child will learn in a world class Math program that will guarantee future success



200 32

Class Links Class Chat

- How AI works
- Introduction to Coding
- How AI works



Congratulations!

You completed your first Lido Maths class

Mental Math Strategies (on March 21, 4:00pm)

"Manasi is excellent in maths and has the ability to do calculations very rapidly."

Aditya Rama

3/5 Cognitive skills 4/5 Effort 3/5 Tutor praises

You unlocked 3 badges!

Strong mind Creative Mind Fast learner

## Learning continues after class

**Customised homework and tests**

AI-driven homework and tests your child

**80,000+ question banks**

So there's always more to practice!

## Super parent app

**Detailed reports**

Track your child's progress at every step on your app

**Academic advisor**

Support and guidance 7 days a week

# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Chapter 1

### Large Numbers

Study large numbers in Indian and International systems. Find predecessor and successor of a number, compare numbers and arrange these in ascending and descending orders.



L1: Large Numbers-  
Reading and Writing



L2: Expanding Numbers



L3: Comparing Numbers



L4: Large Numbers:  
Work out



L5: Large Numbers



What you will earn

#### Conqueror of Large Numbers Certificate

Earned for gaining expertise in dealing with large numbers!



## Chapter 2

### Mental Math Strategies

The small friends and big friends will be all around you , to help you add numbers. So be ready to meet these friends and speed up your addition skills.



L6: Quick Addition



What you will earn

#### Speed Demon Certificate

Earned for rapidly adding large numbers!



Teach Lessons



Workout Lessons



Project Based Lessons



Milestone Lessons



Exam Revision Lessons



Logical Resoning Lessons



Mental Math Lessons

Course follows above fixed sequence; students start from ongoing lesson at time of joining

# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Chapter 3

### Addition and Subtraction of Large Numbers



L7: Addition of Large Numbers



L8: Subtraction of Large Numbers



L9: Addition and Subtraction of Large Numbers (Work Out)



L10: Addition of Large Numbers (Word problems)



L11: Subtraction of Large Numbers (Word Problems )



**L12: Addition and Subtraction of Large Numbers**



What you will earn

#### Master Operator Certificate

Earned for mastery over rapid solutionizing of math problems!



## Chapter 4

### Logic and Analytical Reasoning



L13: Logical series



What you will earn

#### Math Explorer Certificate

Earned for exploring new areas in maths, especially how to combine letters and numbers in a series!



Teach Lessons



Workout Lessons



Project Based Lessons



Milestone Lessons



Exam Revision Lessons



Logical Resoning Lessons



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## Chapter 5

**Multiplication and Division**

Questions and Word problems based on Multiplication and Division are covered in this unit. The students will solve real life problems like dividing cakes among friends, finding cost of many units of something while shopping and many more.



L14: Multiplication of Large Numbers



L15: Multiplication of Large Numbers : Workout



L16: Division of Large Numbers



L17: Division of Large Numbers : Workout



L18: Multiplication and Division in Real Life



L19:Multiplication and Division of Large Numbers: Workout



L20: Mutiplication and Division



What you will build:

**A Cupcake Store**

Do you love cupcakes? How about setting up your own cupcake store?! You will definitely need your mathematical skills to be able to make the best out of it. So get ready to operate your own Cupcake store!



## Chapter 6

**Math and Coding**

Calculations are boring , but not untill you have designed this calculator app , which will always be at its masters duty.



L21: Calculator app-1



L22: Calculator app-2



What you will earn

**Your own Calculator**

Calculations are boring , but not untill you have designed this calculator app , which will always be at its masters duty.



Teach Lessons



Workout Lessons



Project Based Lessons



Milestone Lessons



Exam Revision Lessons



Logical Resoning Lessons



Mental Math Lessons

# Maths Lessons for Grade 4

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## Chapter 6

### Order of Operations

Find the right order and practice solving tricky questions by getting the rule of DMAS fully in control.



L23: Order of Operations - DMAS



L24: Order of Operations - DMAS Work out



L25: Order of Operations



What you will earn

#### Systematic Thinker Certificate

Earned for systematically applying the concept of BODMAS to tricky problems!



## Chapter 7

### Factors and Multiples

Learn divisibility rules and extend the knowledge to find factors and multiples of a numbers. Identify Prime and Composite numbers.



L26: Divisibility Tests



L27: Divisibility Tests : workout



L28: Factors and Multiples



L29: Prime and Composite Numbers



L30: Factors and Multiples



What you will earn

#### Factorizer-in-Chief Certificate

Earned for mastering factors and multiples!



Teach Lessons



Workout Lessons



Project Based Lessons



Milestone Lessons



Exam Revision Lessons



Logical Resoning Lessons



Mental Math Lessons

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# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Chapter 8

### Mental Math Strategies

Faster than Flash! Strategize, apply, and become a pro at multiplication and division! Use the lucky number 5 to fast track your math skills!



L31: Quick multiplication and division by 5



What you will earn

#### Math Ferrari Certificate



Earned for zooming ahead in mental multiplication skills!

## Chapter 9

### HCF and LCM

Understand the concept of HCF and LCM and apply the factorisation methods to solve problems on HCF and LCM of numbers



L32: Prime Factorisation



L33: HCF by listing of Factors



L34: HCF by Prime Factorisation



L35: LCM by Listing of Multiples



L36: LCM by Prime Factorisation



L37: LCM and HCF: workout



L38: HCF and LCM



What you will earn

#### Ruler of Factors and multiples Certificate



Earned for mastering the more complex concepts within factors and multiples!



Course follows above fixed sequence; students start from ongoing lesson at time of joining

# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Chapter 10

### Logic and Analytical reasoning



L39: Puzzling Puzzles

Do puzzles , puzzle you. They will not anymore ! Let's brainstorm our minds and solve the super exciting puzzles on picture logic and balancing scale activity.



What you will earn

#### Conqueror of Puzzles Certificate



Earned for solving multiple tricky puzzles in a short timespan!

## Chapter 11

### Basic Geometrical Concepts



L40: Introduction to Geometry



L41: Introduction to Triangles



L42: Introduction to Circles



L43: Introduction to 3D Shapes and their nets



L44: Basic Geometrical Concepts

Geometry is an interesting subject of mathematics. In our day-to-day life we come across various objects in different shapes. Also, such objects shapes differ according to the position we look at it. The chapter offers an insight into various nuances of the shapes.



What you will earn

#### Master of Geometry Certificate



Earned for establishing proficiency in the basics of geometry

Teach Lessons

Workout Lessons

Project Based Lessons

Milestone Lessons

Exam Revision Lessons

Logical Resoning Lessons

Mental Math Lessons

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# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Revision

### Grade 4 revision

Revisit and revise all the concepts/formulae and practice questions to be 100% prepared for any upcoming tests, exams and challenges.



L45: Indian System of Numeration: Revision



L48: Multiplication of Large Numbers: Revision



L51: Order of Operations: Revision



L54: HCF and LCM : Workout



L46: Addition and Subtraction: Revision



L49: Division of Large Numbers: Revision



L52: Factors, Multiples & Divisibility rules



L55: Building a Candy Outlet -1



L47: Addition and Subtraction: Revision



L50: Multiplication and Division - Word Problem : Revision



L53: HCF and LCM : Workout



L56: Building a Candy Outlet -2



What you will build

#### A Candy Store



Use all your mathematical talent, and knowledge of numbers and operations and factors and multiples to build a perfect candy store. And if that's not enough, give it a mathematical name and also promote it!

## Chapter 12

### Mental Math Strategies

Learn the magic to do quick multiplication by 11 and a multiplication of 2 digit by 2 digit , by the age old vedic rule .



L57: Magic Multiplication



What you will earn

#### Math Rocket Certificate

Earned for zooming ahead in mental multiplication skills with larger numbers!



Teach Lessons

Workout Lessons

Project Based Lessons

Milestone Lessons

Exam Revision Lessons

Logical Reasoning Lessons

Mental Math Lessons

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# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Chapter 13 Fractions

Discover various types of fractions and practice problems involving representation of fractions , types of fractions and equivalent fractions.



L58: Representing Fractions



L59: Different Types of Fractions



L60: Finding Equivalent Fractions



L61: Fractions : Workout



L62: Fractions



What you will earn

### Ruler of Fractions Certificate

Earned for developing mastery over fractions!



## Chapter 14

### Fractions – Addition and Subtraction

Apply the concept of addition and subtraction of Fractions to real world contextual problems.



L63: Addition of Fractions



L64: Subtraction of Fractions



L65: Addition and Subtraction of Fractions



L66: Word Problems on Addition and Subtraction of Fractions



L67: Addition and Subtraction of Fractions



What you will earn

### Master of Fractions Certificate

Earned for successfully conducting multiple operations on fractions!



Teach Lessons



Workout Lessons



Project Based Lessons



Milestone Lessons



Exam Revision Lessons



Logical Resoning Lessons



Mental Math Lessons

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# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Chapter 15

### Logic and Analytical Reasoning



L68: Solving Sudoku Puzzles



What you will earn

#### Sudoku Champion Certificate

Earned for rapidly solving sudoku puzzles!



## Chapter 16

### Geometric Patterns



L69: Shapes using Tangrams



L70: Patterns

Geometry is an important and interesting subject of mathematics. In our day-to-day life we come across various interesting patterns which catch our eye. The chapter helps to observe different shapes and patterns and decode them.



What you will build

#### Sherlock Holmes Certificate

Earned for quickly identifying common patterns!



Teach Lessons



Workout Lessons



Project Based Lessons



Milestone Lessons



Exam Revision Lessons



Logical Resoning Lessons



Mental Math Lessons

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# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Chapter 17

### Area and Perimeter

Through Area and Perimeter, students learn to calculate the exact boundary of given objects, uneven objects and curved shape, circle boundary and word problems based on perimeter and area of an object.



L71: Perimeter - Rectangle and Square



L72: Area - Rectangle and Square



L73: Area and Perimeter : Workout



L74: Perimeter and Area



L75: Creating a Zoo-1



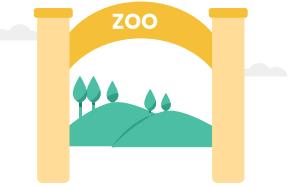
L76: Creating a Zoo-2



What you will build:

#### A Virtual Zoo

Apply various math concepts to create a perfect abode for beautiful animals, and set up a perfect entry process for guests. Use all of your mathematical talent as you set this up.



## Chapter 18

### Money

The concept of money is very important for day-to-day activities. The lesson helps to understand the conversion of rupee to paise and addition and subtraction of money in real world context.



L77: Money



What you will earn

#### Business Tycoon Certificate

Earned for kickstarting your journey to becoming a CEO!



Teach Lessons

Workout Lessons

Project Based Lessons

Milestone Lessons

Exam Revision Lessons

Logical Reasoning Lessons

Mental Math Lessons

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# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Chapter 19 Measurement

Mass, Length and Capacity can be measured in different small and large units. Learn about the various units of measurement, their interconversion and basic mathematical operations that can be applied on these units.



L78: Measurement of Length



L79: Measurement of Mass and Capacity



L80: Addition and Subtraction of Measurements



L81: Measurement Workout



L82: Meaurement



What you will earn

### Master of Precision Certificate

Earned for understanding how to precisely measure different properties!



## Chapter 20

Become a Division Master ! Understand how to divide numbers by 9 and 19 quickly even without actually dividing the numbers.

## Mental Math strategies



L83: Division Strategies



What you will earn

### Divider-in-Chief Certificate

Earned for quickly dividing complex numbers!



Teach Lessons

Workout Lessons

Project Based Lessons

Milestone Lessons

Exam Revision Lessons

Logical Resoning Lessons

Mental Math Lessons

Course follows above fixed sequence; students start from ongoing lesson at time of joining

# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Chapter 21

### Time and Calendar

Understand how to measure time in different units like minutes, hours, days, and years. Learn to represent time in AM and PM, and convert time from the 12 hr clock to the 24 hr clock.



L84: Time - Clock reading



L85: Measurement of Time  
(12 and 24 hour clock)



L86: Measurement of Time  
(Calendar)



L87: Time: Workout



L88: Time and Calendar



What you will earn

#### Time Master Certificate

Earned for becoming proficient at reading and converting time!



## Chapter 22

### Data Handling

Analyze and solve day-to-day problems using a range of different charts including pictographs, bar graphs, family trees and line graphs.



L89: Introduction to Pictographs



L90: Introduction to Bar Graphs



L91: Line Graphs and Family Tree



What you will earn

#### Insight Generator Certificate

Earned for quickly understanding data and converting it into insights!



Teach Lessons



Workout Lessons



Project Based Lessons



Milestone Lessons



Exam Revision Lessons



Logical Resoning Lessons



Mental Math Lessons

Course follows above fixed sequence; students start from ongoing lesson at time of joining

# Maths Lessons for Grade 4

Apr 2021- Mar 2022

## Chapter 23

### Applied Math Project

No time to play!!

Need to learn to organise yourself!! Use clock and time rules to create a perfect time table for yourself , till you have enough time to play.



L92: A perfect time  
table -1



L93:A perfect time table -2



What you will earn

#### Organizer-in-Chief Certificate

Earned for creating the ideal timetable for your day!



## Revision

### Grade 4 revision

Revisit and revise all the concepts/formulae and practice questions to be 100% prepared for any upcoming tests, exams and challenges.



L94: Fractions : Revision



L95: Fractions: Addition and subtraction: Revision



L96: Patterns: Revision



L97: Measurement:  
Revision



L98: Area and Perimeter -1:  
Revision



L99: Time and Calendar



L100: Data Handling :  
Revision

Teach Lessons Workout Lessons Project Based Lessons Milestone Lessons

Exam Revision Lessons Logical Resoning Lessons Mental Math Lessons

Course follows above fixed sequence; students start from ongoing lesson at time of joining

# Start your child's learning journey today

Classes starting at Rs 375, use them for any subject



**60 classes**

₹ 32,000

₹525 a class!

★ Chapters:	10
★ Milestone Tests:	8
★ Enrichment Lessons:	10
★ Practice Sessions:	18
★ Exam Preparation Sessions:	6



Certificate of Basic Proficiency in Maths



Unlimited content library access



Learning Portfolio



Lido Champions Trophy



Lido TV



Harvard/Stanford/IIT mentorship



Expert Webinars



**120 classes**

Most popular

₹ 54,000

₹450 a class!

★ Chapters:	20
★ Milestone Tests:	16
★ Enrichment Lessons:	20
★ Practice Sessions:	36
★ Exam Preparation Sessions:	12



Certificate of Intermediate Proficiency in Maths



Unlimited content library access



Learning Portfolio



Lido Champions Trophy



Lido TV



Harvard/Stanford/IIT mentorship



Expert Webinars



**240 classes**

Best value

₹ 90,000

₹375 a class!

★ Chapters:	40
★ Milestone Tests:	30
★ Enrichment Lessons:	40
★ Practice Sessions:	72
★ Exam Preparation Sessions:	24



Certificate of Advanced Proficiency in Maths



Unlimited content library access



Learning Portfolio



Lido Champions Trophy



Lido TV



Harvard/Stanford/IIT mentorship



Expert Webinars



**100% refund for classes not taken**

We provide a trust certificate for our no-questions-asked refund policy.

Built by a team from

