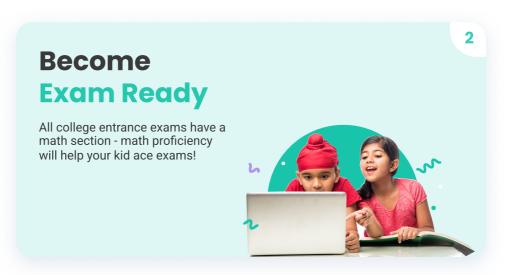


# **Science at Lido Learning:**

Your child can become an extraordinary problem solver!

# The Benefits of Learning Science Now:





# Be Future Ready

A strong science foundation is needed for all future careers in innovative fields.



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# LIDO

# Why is Science 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!

# LIDO

# The perfect Science course for academic and lifelong excellence!



### **Biology**

Students will master the concepts of Biology through interactive learning of concepts ranging from the human body to plant life.



### **Physics**

Your child will learn all about the application of the concepts of Physics including heat, sound and light through fun experiments and real world examples!



### **Chemistry**

Students will enjoy learning all about the concepts of Chemistry and their application through interactive games and activities!





**Milestone Test Lessons** 

Every chapter ends with 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.







### **Exam Prep 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

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#### Lido Exclusive!



### Science + Coding

Students will learn how to code to create apps and games based on specific scientific concepts and enjoy the process of learning!

Lido Exclusive!



### **Project-Based Lessons**

Students create engaging projects on challenges and problems they may face in the real world. Our project-based approach guarantees that science comes to life



# **Group Learning Lessons**

**Q** Lido Exclusive!

Engage your Child through peer learning that involves a group of students working together to think & solve a problem, explore the knowledge of scientific application-based phenomenon.

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.





E Chapter 1

### **Motion and Measurement**

### What you will learn



L1: Measuring Length & Area



L2: Measuring Mass, Time & Temperature



L3: Let's Measure: **Group Learning** 



L6: Length Converter



L4: Types of Motion



L5: Motion & Measurement: Milestone Test



L7: Temperature Converter

### What you will build

#### **Your App Store**

Get into the world of coding and learn how to code and create apps that we can share with our friends and families.

Take away: Learn and create apps.





What you will earn

### Lido's Junior App Developer Certificate

Earned for successfully developing calculator app.





# El Chapter 2

# **Getting to know plants**

### What you will learn



L8: Plants: Introduction and Roots



L9: Plants: Leaves



L10: Plants: Flower



L11: World of Plants: Group Learning



L12: Which light do I love -Green, Blue or Red?



L13: Light makes me move



L14: Getting to know plants: Milestone Test

### What you will build

#### Light makes plants move!

Yes, plants move! Let's learn about this amazing process and observe movements in plants.

Take Away: Learn about phototropism through fun experiments and record your observations in your journal.



### What you will earn

#### Lido's Junior Botanist Certificate

Earned for learning about plants and recording observations on the movement of plants.







E Chapter 3

# **Introduction to Chemistry**

### What you will learn



L15: Chemistry in Daily Life



# Chapter 4

### **States of Matter**

### What you will learn



L16: Matter and its Properties



L17: Changing Matter



L18: Matter Magic: **Group Learning** 



L19: States of Matter: Milestone Test

What you will earn

#### Lido's Young Chemist Certificate

Earned for learning about matter and its properties.







E Chapter 5

# **Plant Reproduction**

### What you will learn



L20: Types of Plant Reproduction



L21: Germination of Seed



L22: Life of a Seed: Group Learning



L23: Plant Reproduction: Milestone Test

What you will earn

#### Lido's Junior Botanist Certificate

Earned for learning concepts of different reproductive methods in plants.







Chapter 6

# **Simple Machines**

### What you will learn



L24: Simple Machines - Types



L25: Simple Machines -**Numericals** 



L25: Simple Machines: Milestone Test



L26: Simple Machines: PBL

### What you will build

#### Let's Make our Life Simpler!

Explore how to create fun setups using simple machines and tools found in your home.

Take Away: Learn all about Rube Goldberg Machines.



### What you will earn

#### Lido's Junior Engineer Certificate

Earned for learning about simple machines & doing tasks easily with Rube Goldberg machine.







Chapter 7

# **Elements, Compounds and Mixtures**

#### What you will learn



L27: Elements, Compounds and Mixtures



L28: Properties of Elements, Compounds and Mixtures



L29: Classify Me!: **Group Learning** 



L30: Elements, Compounds and Mixtures - Milestone Test

What you will earn

#### Lido's Junior Scientist Certificate

Earned for learning different properties of elements, compounds and mixture.





Chapter 8

### Cell

### What you will learn



L31: Cell: Introduction



L32: We are All Connected: **Group Learning** 



L33: Cell: The Fundamental Unit of Life: Milestone Test



What you will earn

#### Lido's Junior Cytologist Certificate

Earned for understanding how a cell is the fundamental unit of life.





# El Chapter 9 Revision & Olympiad Exam Preparation: 1st Term

### What you will learn



L34: States of Matter: Exam Prep



L35: Motion and Meaurement: Exam Prep



L36: Getting to know plants: Exam Prep



L37: Wrack Your Brains! 1



L38: Plant Reproduction: Exam Prep



L39: Simple Machines: Exam Prep



L40: Elements, Compounds and

Mixtures: Exam Prep



L41: Cell: Exam Prep



L42: Wrack Your Brains! 2





El Chapter 10

### **Force**

### What you will learn



L43: Force



L44: Push and Pull: **Group Learning** 



L45: Understanding Friction



L46: Force: Milestone Test

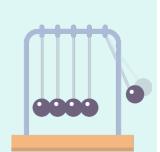


L47: Newton's Laws at Work!

### What you will build

#### The world of Motion!

The movement of objects can be explained by three simply-stated laws known as Newton's laws of motion. While simple, these three laws have immense value in terms of their ability to explain the motion of objects. So let's explore the science of how things move through interesting activities and examples!



Take away: Learn and apply Newton's Three Laws of Motion.

### What you will earn

#### Lido's Young Newton Certificate

Earned for learning how the motion of an object is governed by the 3 laws stated by Newton.







E Chapter 11

# **Separation of Substances**

### What you will learn



L48: Basic Methods of Separation



L49: Advanced Methods of Separation



L50: Separating Materials: **Group Learning** 



L51: Separation of Substances: Milestone Test

What you will earn

Lido's Junior Separation Expert Certificate

Earned for learning different methods of separation of mixtures.







E Chapter 12

# **Human Body**

#### What you will learn



L52: Structure and Functions of **Digestive System** 



L55: Life Processes Part 1: Milestone Test



L58: Introduction to Circulatory System



L61: Life Processes Part 2: Milestone Test



L53: Respiratory System in



L56: Excretory System: Plants



L59: Functions of Circulatory System



L62: Voyage of Nutrients in Animals



L54: Know Your Systems: **Group Learning** 



L57: Excretory System: Animals



L60: Journey of Fluids: **Group Learning** 

#### What you will build

#### What do animals eat?

Just like healthy food is important for our nourishment, animals too need healthy food to survive and nourish themselves. Let us learn about how do animals get nutrition?

#### Take Away:

To understand how different animals adapt to different types of nutrition modes.

### What you will earn

#### Lido's Animal Nutritionist Certificate

Earned for understanding how animals adapt to different modes of nutrition.







🖺 Chapter 13

# **Sorting Materials into Groups**

### What you will learn



L63: Properties of Materials -Part 1



L64: Properties of Materials -Part 2



L65: Sorting Materials into **Groups: Milestone Test** 



### What you will earn

#### Lido's Junior Material Specialist Certificate

Earned for learning about different materials and classifying them as metals & non-metals.





El Chapter 14

# Light

### What you will learn



L66: Light & Vision



L67: Propagation of Light & Reflection



L68: Light it up: **Group Learning** 



L71: Bounce the Light Beam -Part 1



L69: Shadows & Eclipses



L70: Light: Milestone Test



L72: Bounce the Light Beam - Part 2

### What you will build

#### Let's get en-lightened!

Are you fascinated by mirrors? Let's play with mirrors to understand how light energy travels and how mirrors reflect it!

Take away: Exploring Laws of Reflection of Light.

### What you will earn

#### Lido's Science Superstar Certificate

Earned for displaying lightning speed in exploring laws of reflection.







El Chapter 15

# Health & Hygiene

### What you will learn



L73: Communicable Diseases



L74: Non-Communicable Diseases



L75: Diseases: Group Learning



L77: Kill the Virus - Part 1



L78: Kill the Virus - Part 2



L76: Health & Hygiene: Milestone Test

### What you will build

#### Let's code!

Get ready to create your own game app by coding on Scratch.

Take away: Learn and create apps.

#### What you will earn

### Lido's App Developer Certificate

Earned for learning and developing a game app.







El Chapter 16

# **Fun with Magnets**

#### What you will learn



L79: Introduction to Magnets



L80: Properties and Uses of Magnets



L81: Fun with Magnets: Milestone Test



L82: Magnet Hunt

### What you will build

#### Keep calm and stay attracted!

Jump into the World of Magnets and have a thrilling time exploring the properties of magnets. We will go on a magnetic adventure and even learn to make our own compass!

Take away: Do you think directions are important when you travel? Let the compass find your directions! Make your own compass at home and get into the role of a traveller.



### What you will earn

#### Lido's Magnet Hunt Master Certificate

Earned for displaying scientific excellence in exploring the powers of a magnet.







# El Chapter 17 Revision & Exam Preparation: 2nd Term

### What you will learn



L83: Force: Exam Prep



L84: Separation of Substances: Exam Prep



L85: Human Body: Exam Prep



L86: Sorting Materials into Groups: Exam Prep



L87: Light: Exam Prep



L88: Health and Hygiene: Exam Prep



L89: Fun with Magnets: Exam Prep



# El Chapter 18

# **Lido Exploration Camp**

### What you will learn



L90: World of Creepy Crawlies: Garden Version I



L91: World of Creepy Crawlies: **Garden Version II** 



L92: The world of Penguins



L93: Think Blue and Go Green



L94: Bio Live!



L95: Chem Live!



L96: Physcs Live!



# The perfect classroom for your child

Personalised attention

Free & unlimited mentorship with Academic Mentors. 1-on-1 free doubt solving sessions with Teachers.

Play and learn!

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

**Milestone projects** 

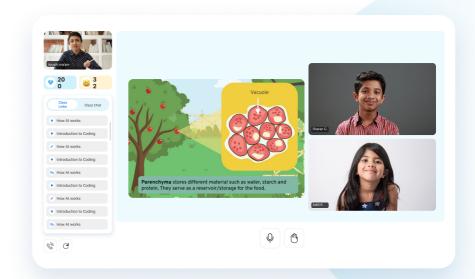
With us, your child will write stories, write poetry, and even build apps!

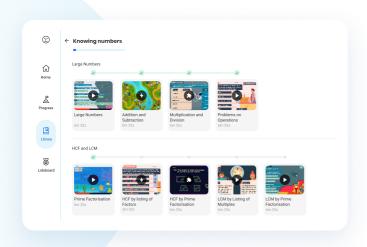
Apply learnings to real life

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

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



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

Academic advisor
Support and guidance 6 days a week

# Built by a team from













McKinsey & Company

TEACHFORINDIA