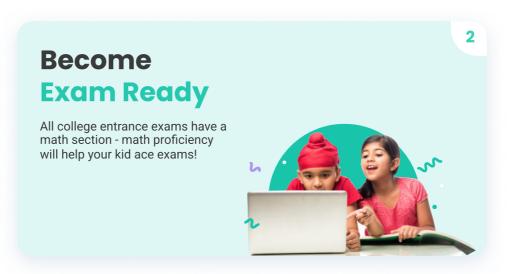


Science at Lido Learning:

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.



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!

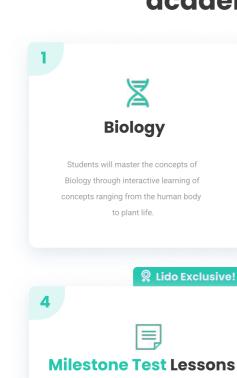


Parent Tracking

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!



The perfect Science course for academic and lifelong excellence!



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!



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.

Q Lido Exclusive!



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

Q 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!







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

Q Lido Exclusive!





Group Learning Lessons

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.





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

Nutrition

What you will learn



L1: Nutrition in Plants



L2: Nutrition in Animals



L3: Nutrition (Plants and Animals): Group Learning



L4: Nutrition: Milestone Test

What you will earn

Lido's Young Nutritionist Certificate

Earned for learning all about plant and animal nutrition.





El Chapter 2

Physical and Chemical Change

What you will learn



L5: Physical and Chemical Change



L6: Physical and Chemical Change: Milestone Test

What you will earn

Lido's Change Expert Certificate

Earned for learning all the changes around us.







E Chapter 3

Elements, Compounds & Mixtures

What you will learn



L7: Basic Methods of Separation



L8: Advanced Methods of Separation



L9: Separation Expert: **Group Learning**



L10: Elements, Compounds and Mixtures: Milestone Test

What you will earn

Lido's Junior Expert Certificate

Earned for acquiring knowledge about all the separating techniques.







Chapter 4

Heat Energy

What you will learn



L11: Heat & Temperature



L12: Heat - Conduction & Convection



L13: Heat - Radiation



L14: Feeling the Heat: Group Learning



L15: Magic of Heat!



L16: Heat Energy: Milestone Test

What you will build

It's too hot!

Explore the magic of heat and understand the concepts behind this amazing form of energy.



What you will earn

Lido's Thermal Expert Certificate

Earned for exploring the concepts of conduction, convection and radiation.







E Chapter 5

Fibre to Fabric

What you will learn



L17: Fibre to Fabric - Wool and Silk



L18: Synthetic Fibres



L19: Clothes made up of?: **Group Learning**



L20: Fibre to Fabric: Milestone Test

What you will earn

Lido's Fabric Expert Certificate

Earned for learning all the details about fibres and fabric.







Chapter 6

Motion and Time

What you will learn



L21: Speed, Motion and Time



L22: Calculating Speed



L23: Motion: Group Learning



L24: Speed Calculator



L25: Frequency Calculator



L26: Motion and Time: Milestone Test

What you will build

Bored of playing regular games?

Let's make our own code and create a game to calculate speed.



What you will earn

Lido's Motion Expert Certificate

Earned for understanding of velocity and acceleration concepts to find the appropriate description that matches the motion.





Chapter 7

Respiration in Plants and Animals

What you will learn



L27: Respiratory System in Humans



L28: Respiration in Plants



L29: Respiratory System in **Animals & Plants**



L30: I Breathe to Live: **Group Learning**



L31: Respiratory System in Plants and Animals: Milestone Test

What you will earn

Lido's Young Biologist Certificate

Earned for learning the mechanism of breathing and respiration in plants and animals.







E Chapter 8

Winds, Storms and Cyclones

What you will learn



L32: Air and Air Pressure



L33: Wind and its flow



L34: Thunderstorms & Cyclones



L35: Air & its Power: **Group Learning**



L36: Wind, Storms and Cyclones: Milestone Test

What you will earn Lido's Young Air Analyst Certificate

Earned for exploring the concepts related to wind, storms and cyclones.







E Chapter 9

Structure of an Atom

What you will learn



L37: Elements and Symbols



L38: Compounds and Molecular



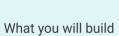
L39: Atoms Everywhere: **Group Learning**



L40: Amazing Secrets of Atom



L41: Structure of an Atom: Milestone Test



The Secrets!!!

Explore the secrets of atom and understand the concepts of its subatomic particles.



What you will earn

Lido's Junior Chemist Certificate

Earned for acquiring knowledge on the structure of atom for every element.







E Chapter 10

Transportation in Animals

What you will learn



L42: Introduction to Circulatory System



L45: Plants Excretory System



L48: Filter Me Out!



L43: Functioning of the Circulatory System



L46: Journey of Fluids: **Group Learning**



L49: Transportation in Animals: Milestone Test



L44: Human Excretory System



L47: It's in the Blood!

What you will build

It is said, 'Donate blood and save lives'.

But we cannot donate blood to a random person, and we cannot receive blood from anyone random. There is something in the blood that should match. Deep dive and figure out what is this factor.

Get into the shoes of a nephrologist and study the different diseases related to the excretory system. Note your findings and prepare a medical report.



What you will earn

Lido's Body Expert Certificate

Earned for learning about the human circulatory and excretory system.







E Chapter 11

Acids, Bases and Salts

What you will learn



L50: Acids, Bases and Salts: Introduction



L51: Indicators



L52: Neutralization and its Uses



L53: Detecting the Chemicals: **Group Learning**



L54: Acids, Bases and Salts: Milestone Test

What you will earn

Lido's Chemical Expert Certificate

Earned for learning about all the basics of acids, bases and salts.







E Chapter 12

Revision & Exam Preparation: 1st Term

What you will learn



L55: Nutrition & Respiration in **Humans: Revision**



L58: Respiration in Plants and Animals: Exam Prep



L61: Human Excretory System: Exam Prep



L64: Motion and Time: Exam Prep



L67: Heat Energy: Exam Prep



L70: Fibre to Fabric and Acid, Bases & Salt: Revision



L73: Wrack your Brain: Chemistry



L56: Nutrition: Exam Prep



L59: Transportation in Animals: Revision



L62: Wrack your Brain: Biology



L65: Light: Exam Prep



L68: Wrack your Brain: Physics



L71: Fibre to Fabric: Exam Prep



L57: Respiration in **Humans: Exam Prep**



L60: Human Circulatory System: Exam Prep



L63: Motion and Time: Revision



L66: Heat: Revision



L69: Physical and Chemical Changes: Exam Prep



L72: Acids, Bases and Salt: Exam Prep





El Chapter 13

Electric Current and its Effects

What you will learn



L74: Conductors and Insulators



L75: Electric Circuits



L76: Electromagnets



L77: Effects of Electric Current: **Group Learning**



L78: Superconductors



L79: Electric Current and its Effects: Milestone Test

What you will build

Ever wonders about how a maglev train works?

Let's explore such amazing inventions by understanding superconductors.



What you will earn

Lido's Young Electrical Expert Certificate

Earned for understanding and exploring the concepts of electricity.







El Chapter 14

Reproduction in Plants

What you will learn



L80: Plant Reproduction System and Methods: Part 1



L81: Plant Reproduction System and Methods: Part 2



L82: Life Cycle of Plants: **Group Learning**



L83: Reproduction in Plants: Milestone Test

What you will earn

Lido's Plant Expert Certificate

Earned for learning about the different sexual and asexual modes of reproduction in plants.





El Chapter 15

Metals & Non-Metals

What you will learn



L84: Properties of Metals & Non-metals: Part 1



L85: Properties of Metals & Non-metals: Part 2



L86: Metallic World: **Group Learning**



L87: Metals & Non-metals: Milestone Test

What you will earn

Lido's Elements Expert Certificate

Earned for learning about all the properties of metals and non-metals.







El Chapter 16

Weather, Climate and Adaptation

What you will learn



L88: Weather & Climate



L89: Adaptation & Habitat: **Animals**



L90: Adaptation & Habitat: **Plants**



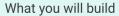
L91: Adaptation vs Habitat: **Group Learning**



L92: A Journey Called Adaptation!



L93: Weather, Climate & Adaptation: Milestone Test



It is said one should adjust to change.

Deep dive and explore the different features acquired by different plants and animals to adjust to their surrounding through a journey called adaptation.



What you will earn

Lido's Habitat Expert Certificate

Earned for visiting different regions of the world and learning the adaptive features of different organisms.







El Chapter 17

Light

What you will learn



L94: Light & Reflection



L95: Light & Mirror



L96: The Magic of Light: Group Learning



L97: Light & Reflection



L98: Lenses & Mirrors



L99: Light: Milestone Test

What you will build

Let's get en-lightened!

Are you fascinated by mirrors? Learn to design a room of mirrors to understand how light energy travels and how mirrors reflect it based on the Laws of Reflection!



What you will earn

Lido's Mirror Magician Certificate

Earned for exploring the concepts of reflection of light through various types of mirrors.







E Chapter 18

Soil

What you will learn



L100: Soil Profile



L101: Properties and Types of Soil



L102: The Agricultural Specialist: Group Learning



L103: Soil: Milestone Test

What you will earn

Lido's Soil Specialist Certificate

Earned for learning soil profile, the different properties, and types of soil.





E Chapter 19

Understanding Sound

What you will learn



L104: Sound: Introduction and Characteristics

L105: Reflection of Sound



L106: Sound App: Part 1



L107: Sound App: Part 2



L108: Understanding Sound: Milestone Test

What you will build

Let's code!

Bored of playing regular games? Let's code and create our game and explore sound.



What you will earn

Lido's Sound Engineer Certificate

Earned for understanding the concepts of sound and its characteristics.







E Chapter 20

Transportation in Plants

What you will learn



L109: Plant Physiological Processes



L110: Transportation in Plants



L111: Transpiration



L112: Plants Survival Mechanisms: **Group Learning**



L113: Transportation in Plants: Milestone Test

What you will earn

Lido's Young Researcher Certificate

Earned for carrying out different experiments and learning the various vital processes in plants.





El Chapter 21

Energy

What you will learn



L114: Force & Pressure



L115: Work & Energy



L116: Energy: Group Learning



L117: Energy Detectives



L118: Energy: Milestone Test

What you will build

Let's work it out! Let's understand the difference between work and energy and explore the concept for the betterment of Science.



What you will earn

Lido's Energy Explorer Certificate

Earned for understanding the process of interconversion of energy in various forms.







El Chapter 22

Water

What you will learn



L119: Every Drop Counts



L120: Liquid Waste Management



L121: Water Specialist: **Group Learning**



L122: Water: Milestone Test

What you will earn

Lido's Junior Hydrologist Certificate

Earned for studying the importance of water and the method of liquid waste management.





El Chapter 23

Forest

What you will learn



L123: Forest - Our Lifeline



L124: Deforestation



L125: Forest: Milestone Test

What you will earn

Lido's Forest Officer Certificate

Earned for learning the different types and features of forests along with their importance.







E Chapter 24

Term II: Revision and Exam Prep

What you will learn



L126: Reproduction in Plants: Revision



L129: Uderstanding Sound and Energy: Revision



L132: Metal & Non-metals: Revision



L135: Electric Current and its Effect & Light: Revision



L138: Weather, Climate and Adaptation: Exam Prep



L127: Reproduction in Plants: Exam Prep



L130: Energy: Exam Prep



L133: Metals & Non-metals: Exam Prep



L136: Electric Current and its Effect & Light: Exam Prep



L139: Transportation in Plants: Revision



L128: Soil: Exam Prep



L131: Understanding Sound: Exam Prep



L34: Winds, Storms & Cyclones: Exam Prep



L137: Weather, Climate and Adaptation: Revision



L140: Transportation in Plants: Exam Prep



E Chapter 25

Lido Exploration Camp

What you will learn



L141: The World of Penguins



L142: Think Blue & Go Green



L143: Gliders



L144: Space Explorer





El Chapter 26

Foundation Concepts

What you will learn



L145: Foundation Concept: **Human Body**



L146: Foundation Concept: Light & Sound



L147: Foundation Concept: Metal & Non-metals



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

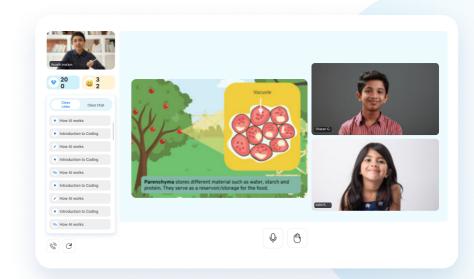
With us, your child will write stories, write poetry, and even build apps!

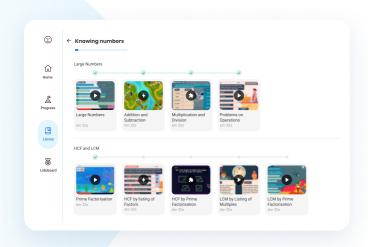
Apply learnings to real life

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



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

Academic advisor Support and guidance 6 days a week

Built by a team from















TEACHFORINDIA