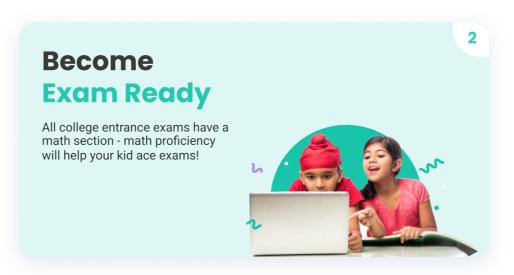


Science at Lido Learning:

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.



3

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!

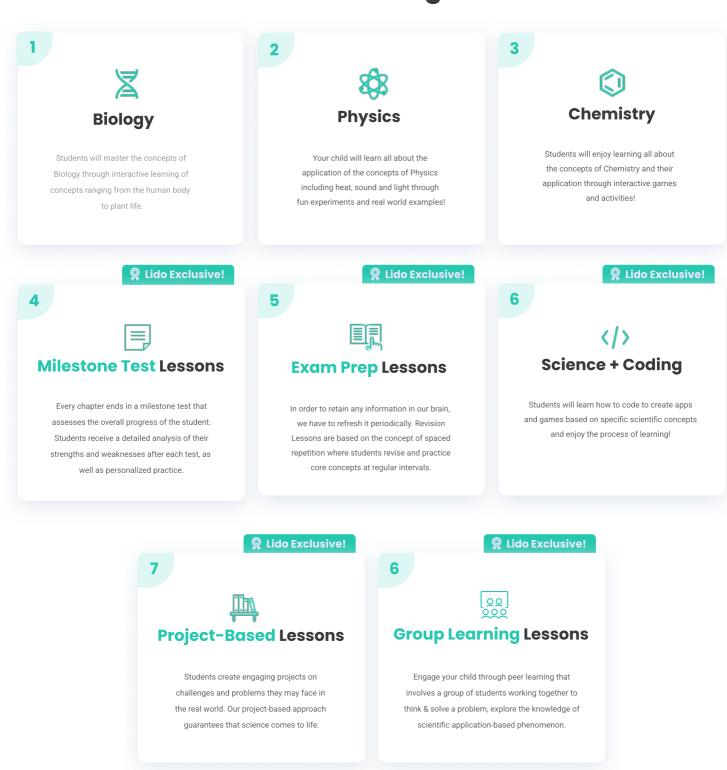


Parent Tracking

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!



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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.

Lido Exclusive!





E Chapter 1

Physical and Chemical Changes

What you will learn



L1: Physical and Chemical Changes



L2: Physical and Chemical **Changes: Milestone Test**

What you will earn

Lido's Young Expert Certificate

Earned for learning all about the changes around us





Chapter 2

Friction

What you will learn



L3: Understanding Friction



L4: Analysing Friction



L5: Fascinating Friction



L6: The Science of Friction: **Group learning**



L7: Friction: Milestone Test

What you will build

Explore the world of Fascinating friction and get amazed by its supercool applications.



What you will earn

Friction Analyst Certificate

Earned for understanding friction & coming up with an innovative idea to utilise friction.







Chapter 3

Cell

What you will learn



L8: Introduction to Cell



L9: The Mysteries of Cell



L10: Cell: Milestone Test

What you will build

Explore the smallest and the busiest room in an organism - The Cell Study how a cell performs all its functions efficiently and how it acts as the structural and functional unit of life.



What you will earn

Lido's Young Cytologist Certificate

Earned for understanding the basic foundational concepts of cell structure and functions.



E Chapter 4

Microorganisms - Friend or Foe

What you will learn



L11: Microorganisms: Introduction



L12: Microorganisms: Diseases and Medicine



L13: Microorganisms: Food Preservation & Food Poisoning



L14: Microorganisms & Environment



L15: World of Microorganisms: **Group Learning**



L16: Microorganisms - Friend or Foe: MilestoneTest

What you will earn

Lido's Young Microbiologist Certificate

Earned for learning about the different useful and harmful effects of microorganisms.







E Chapter 5

Metals & Non-metals

What you will learn



L17: Physical properties of Metals and Non-metals



L18: Chemical properties of Metals and Non-metals-I



L19: Chemical properties of Metals and Non-metals-II



L20: Elements properties: **Group Learning**



L21: Metals & Non-metals: Milestone Test

What you will earn

Lido's Element Expert Certificate

Earned for learning properties of both metals and non-metals.







E Chapter 6

Force & Pressure

What you will learn



L22: Understanding Force and Types of Force



L22: Pressure in Solids and Fluids



L23: Pressure: Group Learning



L24: Pressure: Milestone Test



L25: Pressure Calculator - Part 1



L26: Pressure Calculator - Part 2

What you will build

How much is enough pressure, or is it too much pressure? Imagine if we have an app to calculate the pressure applied on different objects based on conceptual understanding - our life would be so much simpler!! Let us learn how to create an app and explore!



What you will earn

Pressure Analyst Certificate

Earned for understanding the Science of Pressure and applying the same in the case of solids as well as fluids.







Chapter 7

Crop Production and Management

What you will learn



L27: Agricultural Practices: Preparation



L30: Agricultural Practices: Irrigation



L28: Agricultural Practices: Sowing



L31: Agricultural Practices: Harvesting



L29: Agricultural Experts - Part 1: **Group Learning**



L32: Agricultural Experts - Part 2: Group Learning



L33: Crop Production and Management: Milestone Test

What you will earn

Agriculture Specialist Certificate

Earned for mastering the basics of crop production and management.





Chapter 8

Synthetic Fibres & Plastics

What you will learn



L34: Synthetic Fibres



L35: Plastics



L36: Fibres and Plastics: **Group Learning**



L37: Synthetic fibres & Plastics: Milestone Test

What you will earn

Lido's Fibre Expert Certificate

Earned for learning all about synthetic fibres and plastics.







E Chapter 9

Excretory System & Nervous System

What you will learn



L38: Structure of Nephron and **Urine Formation**



L39: Nervous System: Introduction



L40: Types of Nervous System



L41: Nephron Vs Neuron: **Group Learning**



L42: Excretory System & Nervous System: Milestone Test

What you will earn Lido's Human Body Expert Certificate

Earned for learning about two important body systems - the excretory and the nervous system.







El Chapter 10

Light

What you will learn



L43: Reflection of light



L44: Bounce the light beam -Part 1



L45: Sight



L46: Bending of light: Group Learning



L47: Bounce the light beam - Part 2



L48: Light: Milestone Test

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

Let's get enchanted by the magic of light and its powers. Let's explore and experience the magical property of the reflection of light.



What you will earn

Lido's Light Magician Certificate

Earned for exploring the amazing science behind the working of mirrors.







Chapter 11

Reproduction in Animals

What you will learn



L49: Male Reproductive System



L50: Female Reproductive System



L51: Fertilization & Embryo **Development in Human**



L52: Mind mapping Reproductive System: Group Learning



L53: Reproduction in Animals: Milestone Test

What you will earn

Lido's Reproductive Health Expert Certificate

Earned for understaning the parts and functions of male and female reproductive system in humans.





E Chapter 12

Energy

What you will learn



L54: Types of Energy

What you will earn

Lido's Energy Expert Certificate

Earned for exploring the different types of energies and their uses.







El Chapter 13

Term 1: Revision and Exam Prep

What you will learn



L55: Friction, Force & Pressure: Revision



L56: Friction: Exam Prep



L57: Force & Pressure: Exam Prep



L58: Wrack Your Brain! (Physics)



L59: Cell: Revision



L60: Cell: Exam Prep



L61: Microorganisms - Friend or Foe:Revision



L62: Microorganisms - Friend or Foe: Exam Prep



L63: Reproduction in Animals: Revision



L64: Reproduction in Animals: Exam Prep



L65: Wrack Your Brain! (Biology)



L66: Physical & Chemical Changes and Metals & Non-metals: Revision



L67: Physical & Chemical Changes: Exam Prep



L68: Metals & Non-metals: Exam Prep



L69: Synthetic Fibres & Plastic: Exam Prep



L70: Wrack Your Brain! (Chemistry)





E Chapter 14

Endocrine & Adolescence

What you will learn



L71: Endocrine System



L72: Adolescence



L73: Growing up: Group Learning



L74: Endocrine & Adolescence: Milestone Test

What you will earn

Lido's Young Endocrinologist Certificate

Earned for studying the different organs and hormones of the human endocrine system.





E Chapter 15

Sound

What you will learn



L75: Sound: Introduction



L76: Characteristics of Sound Wave



L77: Sounds Crazy - Part 1



L78: Sounds Crazy - Part 2



L79: Sound: Milestone Test

What you will build

Bored of using regular music apps? Let's create one with science and coding. Take away: Students will be able to learn coding through an interesting game that will contain a Scientific character/feature/topic.



What you will earn

Lido's Sound Engineer Certificate

Earned for understanding and exploring the different characteristics of sound and their application.







El Chapter 16

Ecology and Biodiversity

What you will learn



L80: Ecosystem Components



L81: Desertification & Deforestation



L82: Protected Areas & **Biodiversity**



L85: Ecology and Biodiversity: Milestone Test



L83: Exploring Natural **Environment: Group Learning**



L84: Restore the Forest

What you will build

Forest is an important natural resource, and there are many lives directly or indirectly dependent on the forest.

Explore the story of a forest tribe and learn ways to restore forest and protect it.



What you will earn

Lido's Young Environmentalist Certificate

Earned for studying the different components of an ecosystem and ways of forest conservation.







El Chapter 17

Atomic Structure

What you will learn



L86: Subatomic Particles



L87: Chemical Formulae



L88: Balancing of Chemical Reactions



L89: Atomic structure: Milestone Test

What you will earn

Lido's Young Atoms Expert Certificate

Earned for understanding and learning about Atoms.





E Chapter 18

Chemical Reactions

What you will learn



L90: Life is balanced, is your reaction too?



L91: You and the universe

What you will earn

Lido's Young Chemist Certificate

Earned for exploring and understanding about the chemical reactions.







El Chapter 19

Chemical Effects of Electric Current

What you will learn



L92: Tester Circuits and Conductors



L93: Liquids as Conductors & Electroplating



L94: Liquid Conductors: Group Learning



L95: Amazing Effects of Electricity



L96: Electricity and Chemical Effects of Electric Current: Milestone Test

What you will build

Waking up from the dead - Frankenstein

The famous character of Frankenstein was inspired by the frog, which led to the discovery of cells. Attempts of bringing back people to life with the help of electricity.



Gold inside your phones and laptops -

How electroplating is used to coat copper wires with gold which is present inside smartphones. Gold increases the conductivity drastically.

What you will earn

Lido's Chemical Engineer Certificate

Earned for exploring the amazing chemical effects of electricity and their application in the real world.







E Chapter 20

Coal & Petroleum

What you will learn



L97: Coal



L98: Petroleum



L99: Wonders of Coal: Group Learning



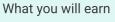
L100: Combustion: Introduction



L101: Flame & Fuel



L102: Coal & Petroleum: Milestone Test



Lido's Petroleum Expert Certificate

Earned for learning all about coal, petroleum and its application in daily life.



Chapter 21

Water

What you will learn



L103: Water & its Physical **Properties**



L104: Water of crystallization



L105: Water & its Chemical **Properties**



L106: Importance of Water: **Group Learning**



L107: Water - Hardness



L108: Water: Milestone Test

What you will earn

Lido's Water Expert Certificate

Earned for learning all the properties related to water.







E Chapter 22

Pollution

What you will learn



L109: Water Pollution



L110: Air Pollution



L111: Climate Change



L112: Pollution: Milestone Test

What you will build

Learners observe the 'Climate Change Timeline' and understand rising sea levels, carbon dioxide and global temperature. They will learn about modes for the prediction of weather/climate. Finally, they evaluate a given situation, identify its impact on the environment and come up with solutions to prevent climate change.



What you will earn

Lido's Pollution Expert Certificate

Earned for studying the causes, effects, and prevention methods of different types of pollution.





E Chapter 23

Stars & Solar System

What you will learn



L113: Solar System Introduction



L114: The Moon



L115: Constellations, Satellites, Maps



L116: Solar Exploration: Group Learning



L117: Stars & Solar System: Milestone Test

What you will earn

Lido's Young Space Researcher Certificate

Earned for exploring the wonderful space and our solar system components.







E Chapter 24

Term II: Revision & Exam Prep

What you will learn



L118: Endocrine & Adolescence: Revision



L121: Wrack Your Brain! (Biology)



L124: Sound: Exam Prep



L127: Chemical Effects of Electric **Current: Exam Prep**



L130: Coal & Petroleum and Pollution: Revision



L119: Endocrine and Adolescence: Exam Prep



L122: Stars & Solar Systems: Exam Prep



L125: Light: Exam Prep



L128: Some Natural Phenomena: Exam Prep



L131: Coal & Petroleum: Exam Prep



L120: Ecology and Biodiversity:



L123: Sound and Light: Revision



L126: Chemical effects of electric current and Some natural phenomena: Revision



L129: Wrack Your Brain! (Physics)



L131: Wrack Your Brain! (Chemistry)

E Chapter 25

Lido Exploration Camp

What you will learn



L132: BMI Calculator - Part 1



L133: BMI Calculator - Part 2



L134: Think Blue & Go Green



L135: Mars Exploration



L136: Airplane





El Chapter 26

Foundation Concepts

What you will learn



L137: Foundation Concepts: Light



L138: Foundation Concepts: Electricity



L139: Foundation Concepts: Acid & Bases



L140: Foundation Concepts: All **About Atoms**



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

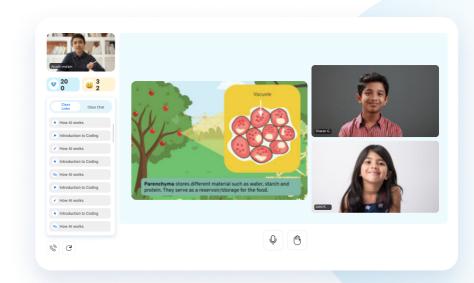
With us, your child will write stories, write poetry, and even build apps!

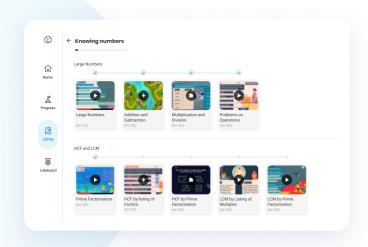
Apply learnings to real life

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