



Introducing *Practically* *Summer* *Workshop*

Starting 23rd April 2021

We have handpicked 6 different and fun workshops that will help enhance creative, analytical and logical thinking for your kids. So, this summer holidays encourage your kids to add new skills to their kitty and have a fun-filled experience with Practically.

It's Free. Limited seats, Register today.



1. Scratch Programming 23rd April Onwards

The program focuses on educating students how to think computationally: decomposing problems, designing programs, reusing and remixing existing solutions. Students will work on creating and understanding popular games like Catching Apples, Moral Story, Snake Game, Fruit Ninja, Ping Pong, etc.

Course Overview:

Week 1	Getting Started with Scratch
Week 2	Create your own Scratch Story
Week 3	Create your own Game
Week 4	Project Assignment - Fruit Ninja Game
Week 5	Project Assignment - Ping Pong Game

Course Details : 15 Online Live 1-hour Sessions

Requirement : Mobile/Laptop/Desktop Computer for online live sessions
Laptop/Desktop Computer for doing projects

Teacher Profile : PhD in Computer Science, BTech in Computer Science



2. YouTube Pro 23rd April Onwards

This course gives students a detailed explanation about how to start and run their own YouTube channel. Students will be able to create high quality videos and learn about how to post and optimize videos.

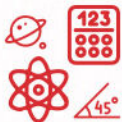
Course Overview:

Week 1	YouTube Basics and Recording your first video
Week 2	Editing and Uploading your first video on YouTube
Week 3	Increasing visibility and going Live on YouTube
Week 4	Understanding YouTube Studio and Social Responsibility as a Creator

Course Details : 12 Online Live 1-hour Sessions

Requirement : Mobile/Laptop/Desktop Computer for online live sessions

Teacher Profile : YouTube Content Creators



3. Maths & Science Beyond Books

This course aims to strengthen some of the fundamental concepts of Math & Science in a fun way. After completing this course, students will be able to approach the subject with high curiosity and clarity.

Math – 26th April Onwards

Math Beyond Books – Grade 6,7 & 8

Week 1	Fun with numbers – 1
Week 2	Fun with numbers – 2
Week 3	Ratio and Proportions
Week 4	Percentages and Geometry
Week 5	Perimeter & Area

Math Beyond Books – Grade 9 & 10

Week 1	Number System
Week 2	Geometry of polygons
Week 3	Polynomials & Coordinate Geometry
Week 4	Algebra & Practical Geometry
Week 5	Probability & Statistics

Science – 27th April Onwards

Science Beyond Books – Grade 6,7 & 8

Week 1	Understanding Physical World
Week 2	Magic of Electricity & Magnets
Week 3	Air, Water and Pollution
Week 4	Plant and Animal World –1
Week 5	Plant and Animal World –2

Science Beyond Books – Grade 9 & 10

Week 1	Astronomy
Week 2	Electricity & Magnetism
Week 3	Combustion and chemical cycles
Week 4	Macroscopic world of humans and animals
Week 5	Microscopic world of cells

Course Details : 15 Online Live 1-hour Sessions

Requirement : Mobile/Laptop/Desktop Computer for online live sessions

Teacher Profile : BTech at Bits Pilani, IIT Delhi



4. Chess

26st April Onwards

This course helps students understand the rules of chess and improve their approach towards the game. The course follows a structured plan to learn openings, endgames, strategy and tactics, special rules and moves. It is widely accepted that playing chess results in better brain function, improved memory and cognitive abilities, strategic thinking and attention improvement.

Course Overview:

Week 1	Chess introduction and understanding movements of pieces
Week 2	Attack & Capture
Week 3	Special Rules & Moves
Week 4	Strategies to Defend
Week 5	Special Attack Strategies

Course Details : 15 Online Live 1-hour Sessions

Requirement : Mobile/Laptop/Desktop Computer for online live sessions

Teacher Profile : Ex-International Chess Player



5. Gaming with Unity 27th April Onwards

This course provides students an understanding of gaming platforms such as unity and unreal. The course deep dives into Unity platform and provides hands on experience to create their own games. Students will develop their own game (Go-Kart Rush) by implementing concepts learned from this course.

Course Overview:

Week 1	Introduction to Unity Engine
Week 2	Game Development Pipeline
Week 3	Hands on experience on coding and game mechanics
Week 4	Building and publishing on the platform

Course Details : 12 Online Live 1-hour Sessions

Requirement : Mobile/Laptop/Desktop Computer for online live sessions
Laptop/Desktop Computer for doing projects

Teacher Profile : BTech in Computer Science & Engineer, Certified Unity Developer.

Each student will get INR 1.3Lakh worth of Unity license free of cost.



6. Robotics with 4th May Onwards

ROBOTICS CLUB
IIT Guwahati

This exclusive course from Robotics Club, IIT Guwahati will train students on how to build a smart bulb which can be operated using a mobile application and understand its applications to various other similar products like fan, water, etc. The main focus of this course is to understand architecture of IoT applications and make a small working project.

Course Overview:

Week 1	Setting up the platform
Week 2	Setting up Arduino IDE & Blynk Libraries
Week 3	Hardware circuit connections
Week 4	Connecting the circuit & app
Week 5	Final product using Voice Assistant

Course Details : 15 Online Live 1-hour Sessions

Requirement : Mobile/Laptop/Desktop Computer for online live sessions

Teacher Profile : BTech at IIT Guwahati

Each student will receive a certificate from Robotics Club, IIT Guwahati after the successful completion of the course.



Get completion certificates for all
courses and stand a chance to
win exciting prizes!
#BringLearningAlive