

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

LAPT Certification Class 6



LAPT — London Academy of Professional Training

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AT A GLANCE

AWARD	Certificate
ASSESSMENT	500 marks — 300 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1 Certificate in Agriculture Basics (Aligned with NEP 2020) 4 chapters · 24 classes 100 marks	• 1 Unit 1 — Introduction to Agriculture and Farming — 6 classes › 1.1 Define Agriculture: Understanding the Basics › 1.2 Explore Different Types of Farming Practices › 1.3 Identify Key Components of Agricultural Systems › 1.4 Examine the Role of Agriculture in the Economy › 1.5 Discuss Sustainable Farming Methods and Techniques › 1.6 Design a Simple Agricultural Plan for Local Farming • 2 Unit 2 — Types of Soil and Crop Seasons — 6 classes › 2.1 Explore Different Types of Soil and Their Characteristics › 2.2 Identify Soil Components and Their Importance in Agriculture › 2.3 Analyze the Impact of Soil Types on Crop Growth › 2.4 Understand Seasonal Crop Patterns and Their Requirements › 2.5 Compare Crop Seasons Based on Local Climate Conditions › 2.6 Apply Knowledge of Soil and Weather to Plan Effective Crop Rotation • 3 Unit 3 — Farming Tools and Basic Techniques — 6 classes › 3.1 Identify and Describe Essential Farming Tools › 3.2 Demonstrate Proper Use of Hand Tools in Agriculture › 3.3 Explore Soil Preparation Techniques for Crop Cultivation › 3.4 Apply Effective Planting Methods for Improved Yield › 3.5 Analyze Water Management Techniques for Sustainable Farming › 3.6 Evaluate Basic Crop Maintenance Practices for Healthy Growth • 4 Unit 4 — Crop Calendar and Seasonal Practices — 6 classes › 4.1 Understand the Importance of a Crop Calendar › 4.2 Identify Major Crops and Their Growing Seasons › 4.3 Explore Seasonal Weather Patterns and Their Impact on Agriculture › 4.4 Develop a Crop Rotation Plan for Sustainable Farming › 4.5 Implement Seasonal Practices for Crop Management › 4.6 Evaluate Crop Yield Based on Calendar and Seasonal Practices
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• **1 Unit 1 — Introduction to Scratch and Block Coding** — 6 classes

- › 1.1 Explore the Scratch Interface and Tools
- › 1.2 Understand the Basics of Block Coding Concepts
- › 1.3 Create Your First Scratch Project: Setting Up
- › 1.4 Add and Animate Sprites Using Motion Blocks
- › 1.5 Incorporate Sound and Events in Your Scratch Project
- › 1.6 Share and Present Your Scratch Project to Peers

• **2 Unit 2 — Sequences, Events and Sprites in Scratch** — 6 classes

- › 2.1 Explore the Basics of Scratch Interface
- › 2.2 Understand Sequences: Creating Simple Scripts
- › 2.3 Introduce Events: Triggering Actions in Scratch
- › 2.4 Enhance Interactivity: Using User Inputs with Events
- › 2.5 Design and Animate Sprites: Bringing Characters to Life
- › 2.6 Build a Mini Project: Combining Sequences, Events, and Sprites

• **3 Unit 3 — Loops, Conditions and Costumes** — 6 classes

- › 3.1 Explore the Basics of Loops in Block Coding
- › 3.2 Understand Conditional Statements and Their Functions
- › 3.3 Implement Simple Loops to Automate Repetitive Tasks
- › 3.4 Apply Conditional Statements to Control Program Flow
- › 3.5 Create Interactive Costumes Using Loops and Conditions
- › 3.6 Design a Simple Game Incorporating Loops, Conditions, and Costumes

• **4 Unit 4 — Creating My First Scratch Animation** — 6 classes

- › 4.1 Explore Scratch Interface and Tools
- › 4.2 Create a Basic Sprite for Animation
- › 4.3 Design a Background Scene for Your Animation
- › 4.4 Develop Animation Movements with Code Blocks
- › 4.5 Incorporate Sounds and Music into Your Animation
- › 4.6 Share and Showcase Your Scratch Animation Project

• **1 Unit 1 — Introduction to Money and Savings** — 6 classes

- › 1.1 Define Money and Its Functions
- › 1.2 Explore Different Forms of Money
- › 1.3 Identify the Importance of Savings
- › 1.4 Understand Basic Banking Concepts
- › 1.5 Create a Personal Savings Goal
- › 1.6 Develop a Simple Budget Plan

• **2 Unit 2 — Banking Basics for Students** — 6 classes

- › 2.1 Understand the Purpose of Banks
- › 2.2 Identify Different Types of Bank Accounts
- › 2.3 Explore How to Open a Bank Account
- › 2.4 Discover How to Use Online Banking Safely
- › 2.5 Learn About Interest Rates and Fees
- › 2.6 Apply Budgeting Skills to Manage a Bank Account

• **3 Unit 3 — Budgeting and Planning Your Expenses** — 6 classes

- › 3.1 Identify Your Income Sources and Variability
- › 3.2 Differentiate Between Fixed and Variable Expenses
- › 3.3 Create a Simple Monthly Budget Template
- › 3.4 Analyze Spending Patterns to Identify Areas for Savings
- › 3.5 Explore Tools and Apps for Effective Budget Tracking
- › 3.6 Develop a Financial Goal and Create an Action Plan

• **4 Unit 4 — Smart Spending and Financial Goals** — 6 classes

- › 4.1 Identify Your Financial Goals and Priorities
- › 4.2 Distinguish Between Needs and Wants in Spending
- › 4.3 Create a Personal Budget for Smart Spending
- › 4.4 Analyze the Impact of Impulse Buying on Financial Goals
- › 4.5 Explore Strategies for Reducing Unnecessary Expenses
- › 4.6 Develop a Plan for Achieving Long-term Financial Goals

• **1 Unit 1 — Personal Hygiene and Grooming Habits** — 6 classes

- › 1.1 Define Personal Hygiene and Its Importance
- › 1.2 Identify Daily Personal Grooming Practices
- › 1.3 Demonstrate Proper Handwashing Techniques
- › 1.4 Explore Oral Hygiene Practices for Healthy Teeth
- › 1.5 Examine the Role of Hygiene in Preventing Illness
- › 1.6 Create a Personal Hygiene Routine Checklist

• **2 Unit 2 — Nutrition and Healthy Eating** — 6 classes

- › 2.1 Identify Essential Nutrients for a Balanced Diet
- › 2.2 Analyze Food Groups and Their Health Benefits
- › 2.3 Evaluate Portion Sizes and Dietary Guidelines
- › 2.4 Plan a Healthy Meal Using Nutritional Principles
- › 2.5 Discuss the Importance of Hydration in Nutrition
- › 2.6 Create a Personal Nutrition Plan for Healthy Living

• **3 Unit 3 — First Aid Basics and Safety** — 6 classes

- › 3.1 Identify Common First Aid Situations
- › 3.2 Demonstrate Basic First Aid Techniques
- › 3.3 Recognize Essential Safety Practices
- › 3.4 Apply First Aid in Emergency Scenarios
- › 3.5 Assess Risk Factors in Everyday Environments
- › 3.6 Evaluate the Importance of Regular First Aid Training

• **4 Unit 4 — Mental Health and Positive Well-being** — 6 classes

- › 4.1 Understand the Concept of Mental Health
- › 4.2 Identify Signs of Mental Well-being and Distress
- › 4.3 Explore Techniques for Stress Management
- › 4.4 Discuss the Importance of Social Connections
- › 4.5 Develop a Personal Well-being Action Plan
- › 4.6 Evaluate the Impact of Positive Habits on Mental Health