

REAL SCHOOL

Programming & Coding

# Mobile App Development

Online. Real-time. Futuristic



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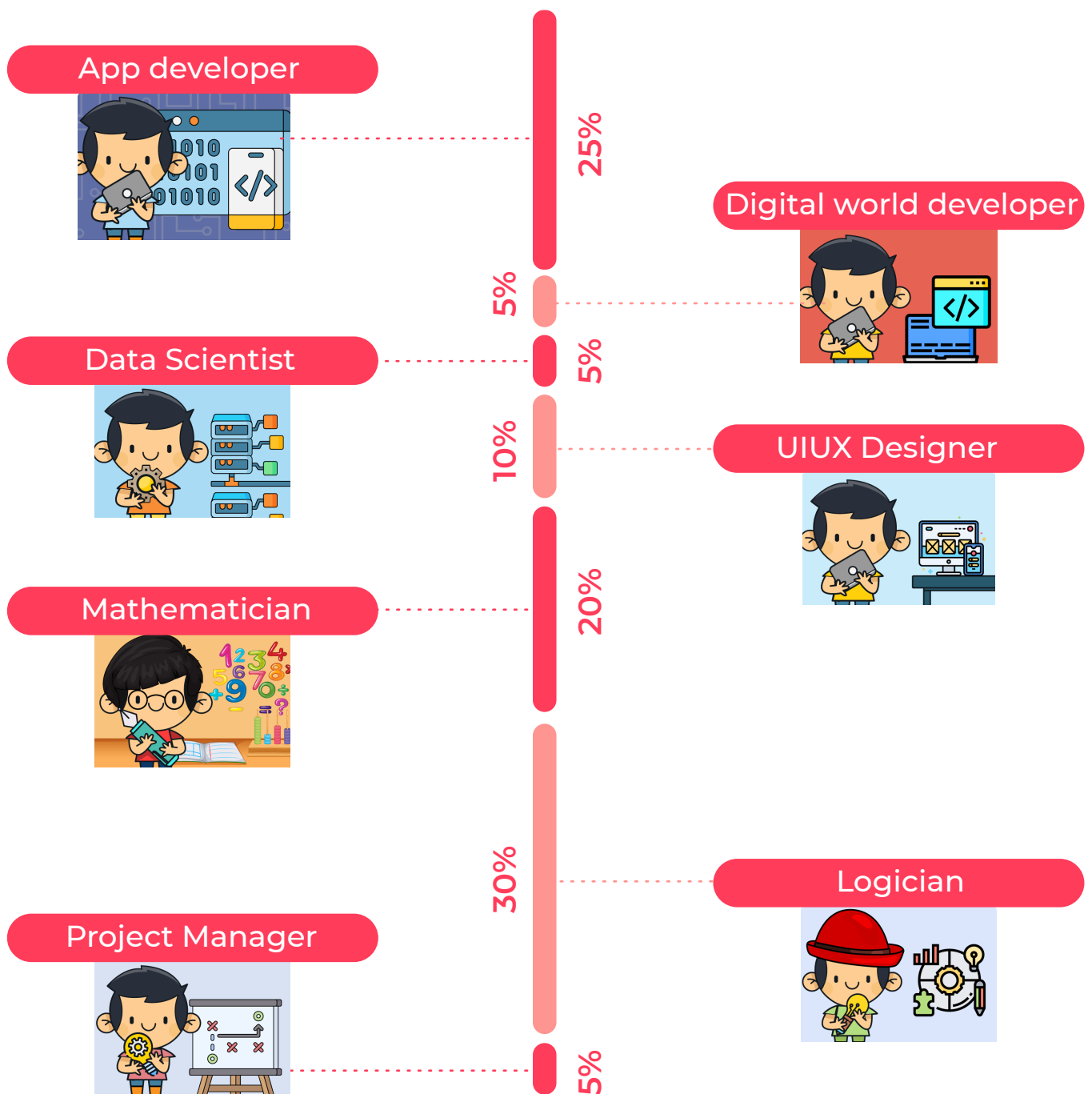


## About the Program

Mobile phones have exponentially changed the way we live our lives in the modern world. The secret lies in the apps contained within this little gadget. This app development program by Real School offers a wholesome curriculum to help your kid understand and develop the most basic of an app to the highly advanced ones, integrated with cloud based databases.

# Goals you can accomplish

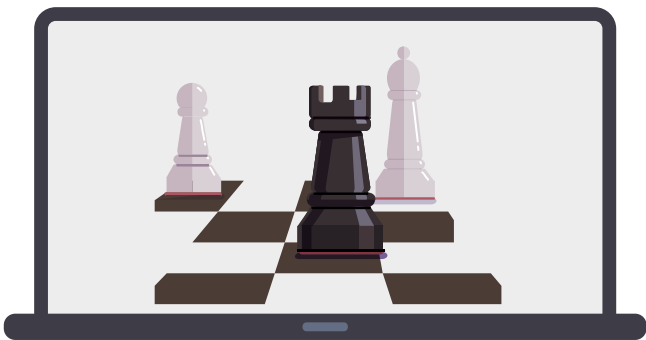
Real-world challenges are unpredictable and demanding. Super expertise in just one area will do more harm than good. For this reason, each of the Real School programs takes your kids through a range of critical and complementary skills and knowledge domains. This guarantees a holistic development.



# Benefits of the Program



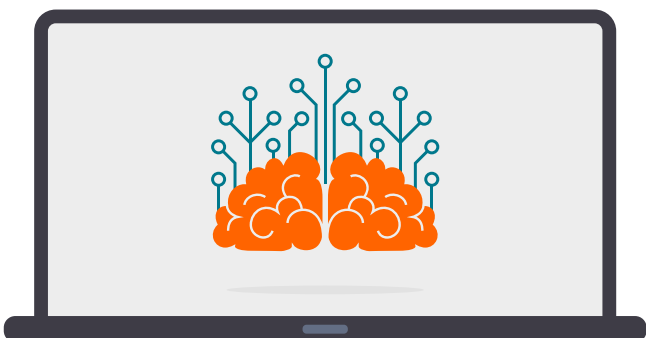
**Improves  
Decision-Making**



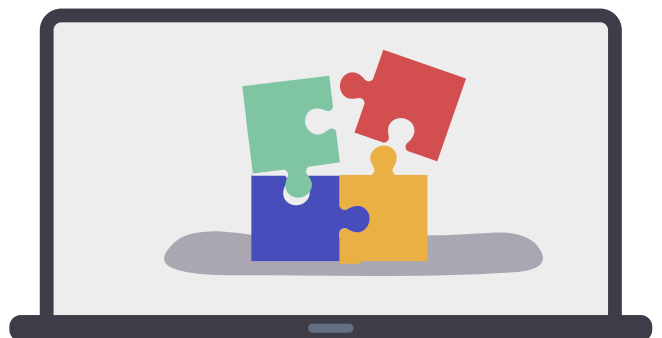
**Fosters  
Constructivism**



**Develops  
Computational  
Thinking**



**Improves  
Reasoning**



## What do we cover

The Mobile app development program is covered in 7 modules taking our students from simple to advanced level concepts in that domain. We ensure that the real-world significance is reflected in every topic we cover and every project that is done in the class.

### MODULE 1

**Introduction to Basic Apps , App development , UI/UX design**

#### Concepts covered

1. Concept of order of instructions : Sequence
2. Events Handling.
3. Sound , Camera , Image Recognizer modules

### MODULE 2

**Learn how to make interactive apps, to replace variables with real data and increase program flexibility**

#### Concepts covered

1. Introduction to Variables: placeholders.
2. In-built Timers component
3. Initializing variables within scope: local variables.

## MODULE 3

Learn to store multiple values in the list at a time. To create and manipulate different sets of values or elements

### Concepts covered

1. Introduction to Data structures: List
2. Reading from a list
3. Updating a list
4. Appending to a List

## MODULE 4

Learn about conditional statements , Deciding the flow of the app and support more complex logic

### Concepts covered

1. Conditional If Statements
2. Else If Statements
3. Learning about Operators and Operands

## MODULE 5

Learn about looping constructs ,to execute group of statements multiple times and Smart Coding

### Concepts covered

Types of loops covered:

1. for loop
2. for each
3. repeat while
4. forever loop

## MODULE 6

Learn to make for own functions for the App, calling it over and over again . Learn its usage in app development.

### Concepts covered

1. Introduction to functions
2. Build your own functions
3. Calling the function needed

## MODULE 7

Learn about databases.Real time database and DBMS(Database Management System )

### Concepts covered






1. Create a database
2. Store and Retrieve data.
3. Integrating it with App



# Packages

We offer the following package for Mobile App development program:

## Packages offered - Grade 4 and above:

 Duration	15 Hours
 Months	3 Months
 PTMs	2 PTMs
 Dedicated Course Counsellor	Yes
 Modules Covered	1, 2, 3, 4, 5, 6, 7

## Projects

Image Recognizer  
Height Survey  
Planetorium  
Password Vault  
Place an order  
Cloud Game  
City Services App  
Converter Apps  
Multi- Question MCQ  
Guess the number  
Palindrome  
Music app  
Tic Tac Toe Game  
Chattify

## Need a customized package or a demo?

Get in touch with us on +91 84339 71759 or visit [www.therealschool.in](http://www.therealschool.in)

# The development roadmap

The Mobile App development program aims to bring about a positive change in the kids in a structured way. You will see the following developments as they do more and more projects

- 1 Starts getting familiar with new concepts and terminologies
- 2 Learns ideation and brainstorming techniques for projects. Discovers new tools and methods.
- 3 Introduced to Computational thinking as a key problem solving skill
- 4 Actively participates in brainstorming. Engages in enquiry driven discussions. Starts challenging the Trainer.
- 5 Creates unique ideas and designs. Gathers ability to work independently.
- 6 Comprehends and applies the learnings to create innovative solutions for the projects.
- 7 Develops problem solving aptitude that involves mental, physical and social skills
- 8 Develops ability to identify problems, its root cause and design a suitable solution towards it
- 9 Ability to compete head-on with highly competent peers

## Parent Testimonials

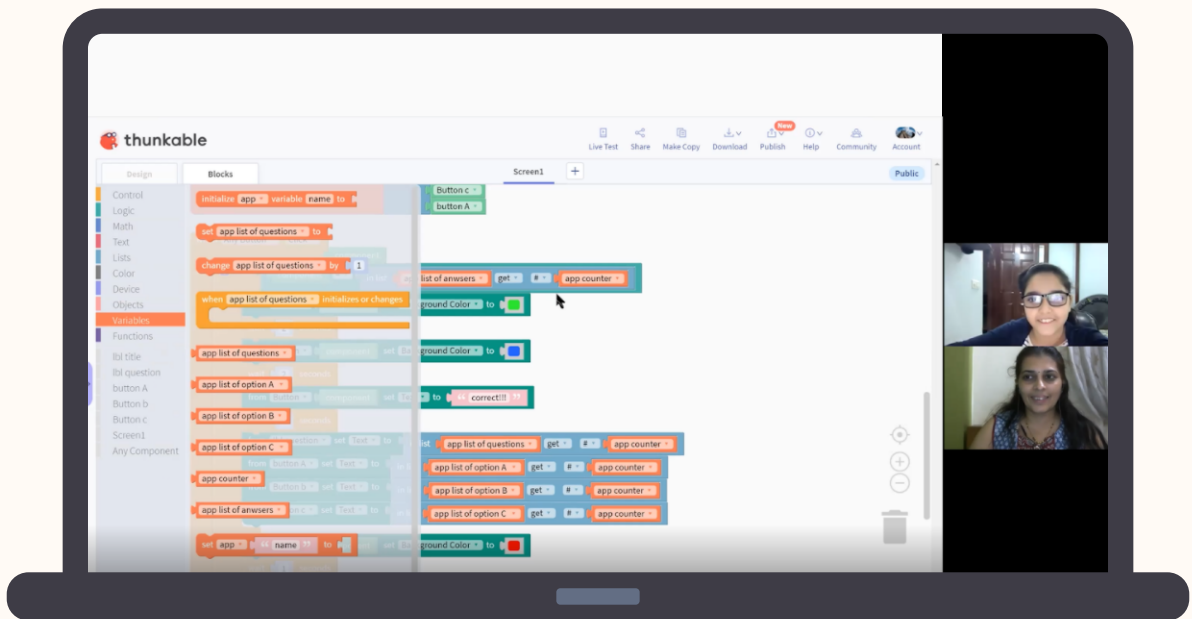


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“Real School has been a fantastic, constructive experience for Ansh in which he learned much more than what he does at school. It has given him a new and more enthusiastic approach to learning. The Masterclasses are not just fun, they have so much to offer... children and we parents are bound to stay curious!”

**Veena Gupta**

Mother of 10 year old Ansh  
Don Bosco School, Mumbai



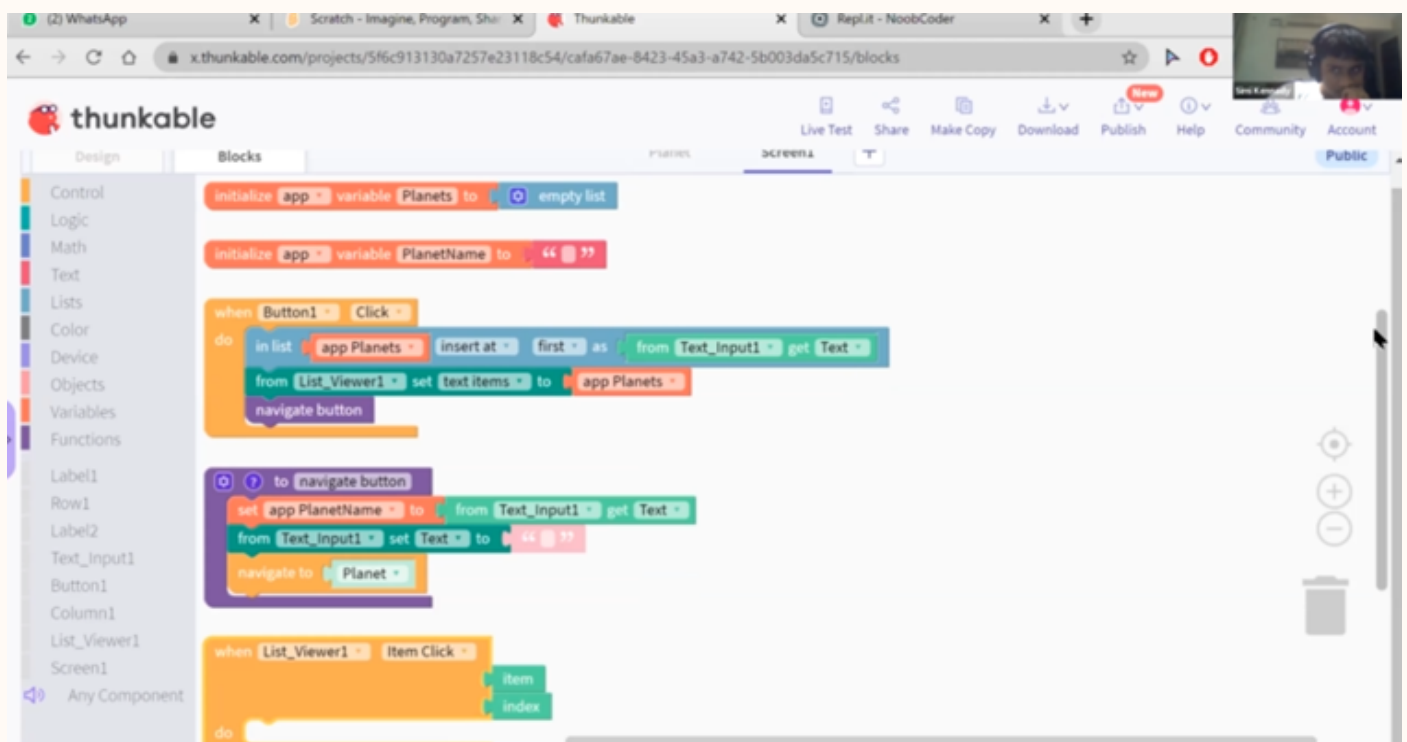
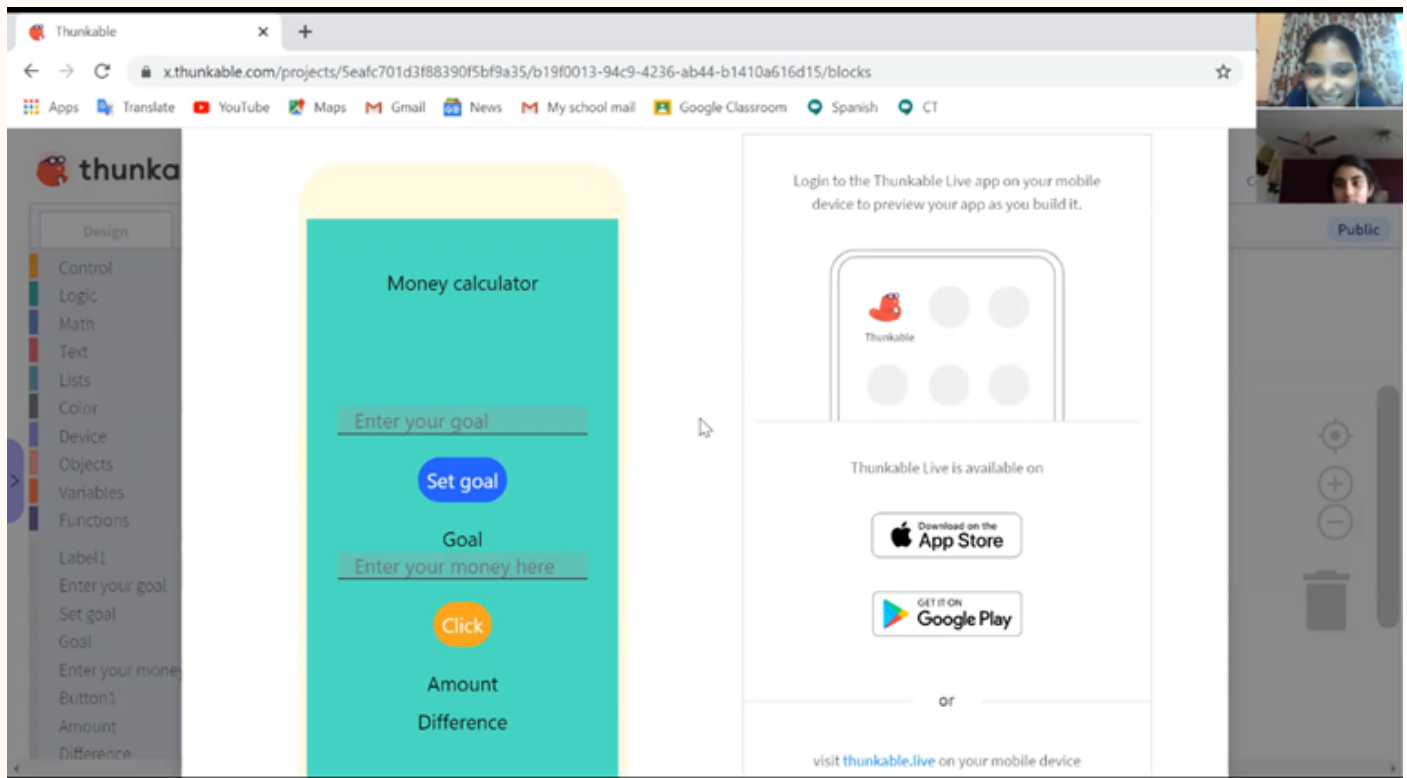
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“My 12 year old daughter has started to think about what problems are there and how she can solve them. She has designed her own version of facemask during this pandemic and I am really amazed! This is all thanks to Real School!”

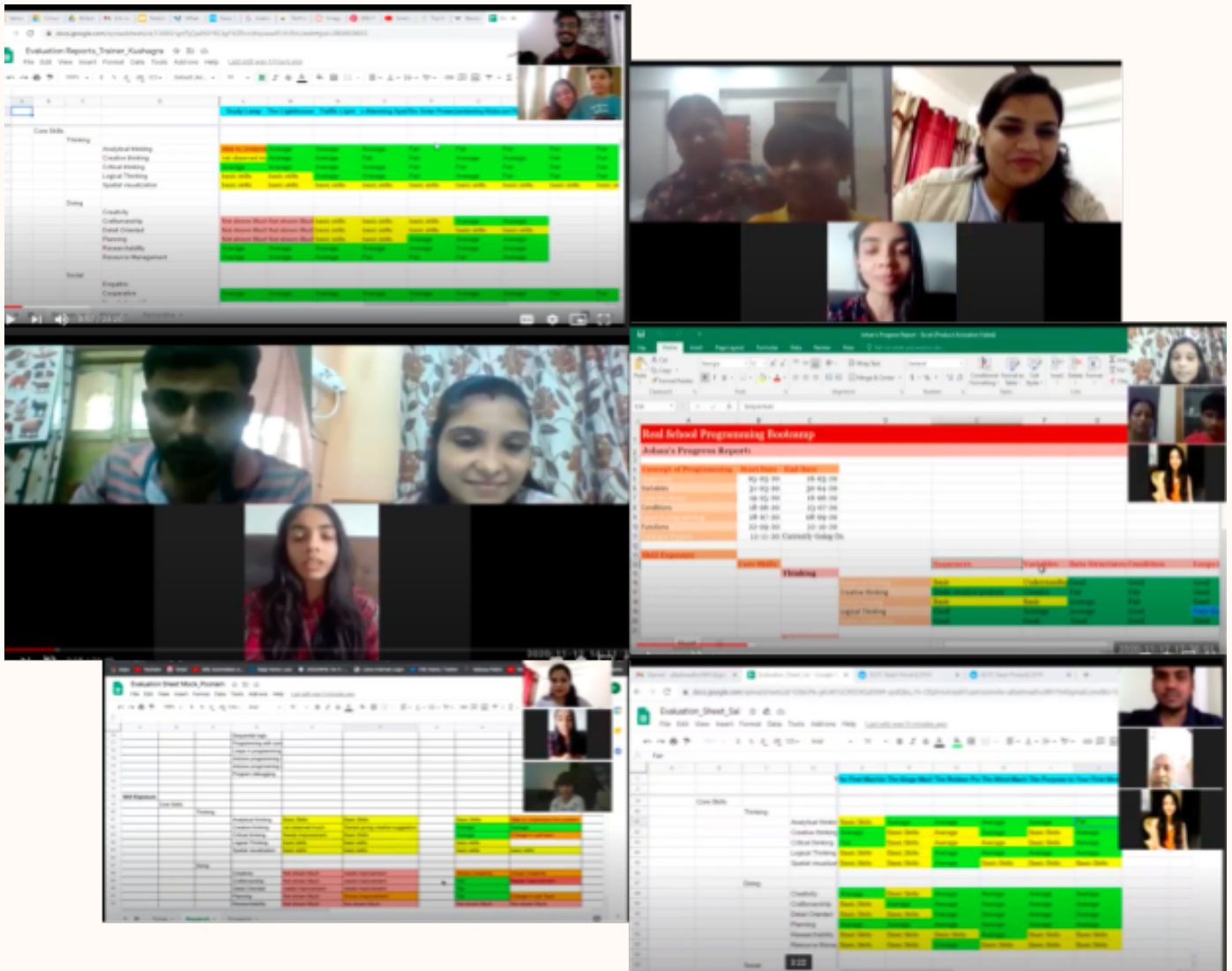
**Sashi Anand**

Mother of 12 year old Siya  
Christ Academy, Bengaluru

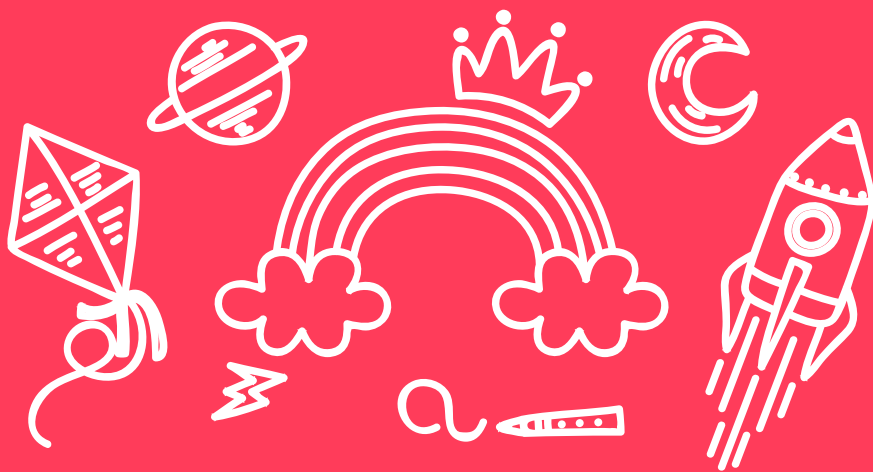
# Classroom Experience



## Parent-Teacher Meetings



Real School conducts parent - teacher meetings for the continuous assessment of a student.



## Real School Philosophy

Real School, a product of uFaber Edutech Pvt. Ltd. is an ecosystem that transforms a young curious mind into a highly-skilled problem solver. At Real School, we've turned everything on its head. So, instead of the student going to school, the school comes home! Instead of a compartmentalised subject-oriented curriculum, we use dynamic project-based learning curated to develop skills. Instead of the stress of examinations, our students revel in the joy of discovery and creation! They learn not from books but from experiences, Their knowledge is not graded based on an answer paper but on how they have applied this knowledge to solve a real-world problem.

## About Ufaber

uFaber offers courses in life-changing and transformational domains like IELTS & PTE, UPSC, GATE and English Communication. Our customized education solutions for students, professionals, corporations, and colleges are geared towards achieving excellence and high power performance. Our focus is to make Education Easily Accessible and Highly Personalized. While our training techniques continue to evolve, we work with a single aim to get the students and our clients what they need the most: RESULTS!

BeingPro

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GATE SCHOOL

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For more information, visit [www.therealschool.in](http://www.therealschool.in)

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