

Learning Path For YOUNG LEARNERS



OUR PHILOSOPHY

Today children are growing up as first citizens of the digital world. We want to help parents ensure that their child's relation to Technology is not just that of a passive Tech Consumer. We are not happy with them just being a Tech Creator either - **We want the children to be Future Tech Leaders!**

And with our Founding team having worked at global technology leaders like Amazon, we know exactly what that takes.



Leaders are about Excellence and Independence. Hence, we obsess about building **Independent Coding Confidence** in every single child.

That means their learning is not dependent on the teacher, only facilitated by it. Every project they do - they are measured not just on the output but on their confidence & ability to make it entirely on their own.

As ambitious as it sounds, without it we feel we haven't done our job. There is no point copying code or making impressive projects with 90% contribution by the teacher and passing it off as student's project.

To achieve that, apart from having computer science alums from IIT & CMU as curriculum heads, PurpleTutor is the only platform that:

- Mandates every teacher to have a formal Computer Science degree.
- Has inhouse teacher training, **PurpleTutor Academy**, where teachers are trained to let the students Lead the curriculum journey as per their creative ideas, ability and interest.
- Ensures each child develops Independent Coding Confidence, and go from being a **Coder -> PurpleCoder!**

Learning Path For YOUNG LEARNERS



COURSE DETAILS

3 Weeks

LEARNER

9 Sessions

What will your child learn?

Basic Programming Concepts

Algorithm, Sequencing, Conditionals, Loops, Variables, Functions

What will your child do?

Write code to solve puzzles, create complex geometric patterns.

Benefits

- 2 Class Projects

3 Months

ENTREPRENEUR

40 Sessions

What will your child learn?

LEARNER +

Advanced Programming Concepts + Event driven programming + App Development

Introduction to Python and JavaScript programming (block based) with concepts like Sequencing, Conditionals, Loops, Nested loops, Variables, Functions and Events. Basics of UI/UX Design.

What will your child do?

Write code to create 2D shapes, scenes, recursive geometrical patterns and basic interactive animations and games. Write code to design and create your First Mobile App.

Advanced

Benefits

- Publish 1 App on Google Play Store / Apple Store
- Certificates for -
 - Basics of Python programming
 - Animation and game designing using JavaScript
- 6 Class Projects

1 Year

MAKER

100 Sessions

What will your child learn?

LEARNER +

Machine Learning + Artificial Intelligence + Advanced App Development

Programming in Python, Game design using JavaScript, Big ideas in AI, Text recognition, Voice & Image recognition. UI/UX design in App Development.

What will your child do?

Create advanced games in JavaScript. Train machine learning models for image, text and voice recognition. Write code in Scratch to create AI projects. Create mobile apps.

Benefits

- Publish Apps on Google Play Store / Apple Store
- Certificates for -
 - Basics of Python programming
 - Animation and game designing using JavaScript
 - Basics of Artificial Intelligence and Machine Learning
 - App Development
- 10 Class Projects

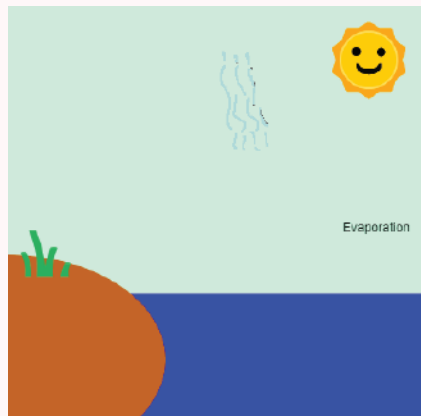
Learning Path For YOUNG LEARNERS



STUDENT PROJECTS

ANIMATION

Water Cycle

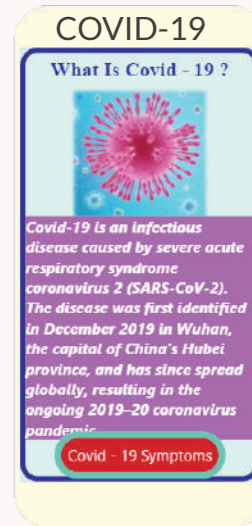


Concepts

Sequence, Loops,
Basic Algorithm

APP DEVELOPMENT

COVID-19

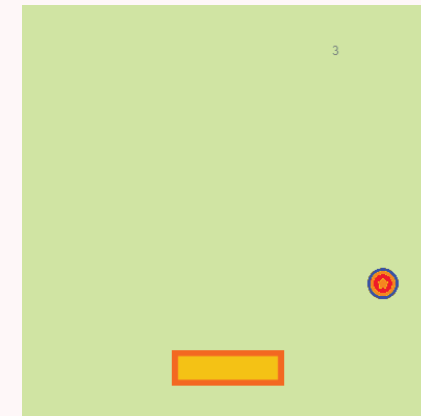


Concepts

Functions, Variables,
Design Thinking

GAME DESIGN

Ball Game



Concepts

Conditionals, Variables,
Nested Loops,
Logical Thinking

PURPLETUTOR'S PROJECT BASED LEARNING BOOSTS STUDENTS' CREATIVE THINKING, LOGICAL THINKING AND PROBLEM SOLVING SKILLS

Learning Path For YOUNG LEARNERS



PARENT TESTIMONIALS



Among the three extra curricular classes Aman has signed up for, PurpleTutor is the one he enjoys the most. He seems to be doing the coding projects on his own all the time, while I constantly need to chase him for the other two!

Ashutosh Wakankar, Aman's father, USA



Ahana keeps telling me that she gets so much space for creativity with PurpleTutor. She is really excited about her classes, and I love how PurpleTutor is so service oriented and friendly.

Vipula Gandhi, Ahana's mother, USA