

VISION MISSION & VALUES

Our Vision

To establish a state of the art global online coding school for School kids to catch up with the tech industry quickly



Our Mission

To excel the coding, mathematical and problem solving skills in school kids to explore their hidden talent through advanced programming technologies

Our Values

We believe to inculcate the following core values in our future tech leaders

01

SELF EFFICACY

We generate self-belief in the kids to dig out their hidden abilities to perform any task with confidence to achieve their goals.

02

SEEKING FOR LEARNING

We value inquisitiveness and growth of kids with different learning needs. We encourage them to become creative, logical thinkers and problem solvers for themselves and the society.

03

LEADERSHIP

Our teeny coders are the leader of the digital future. We enlighten them with individual and teamwork abilities, coupled with moral and ethical values, to serve the community.

04

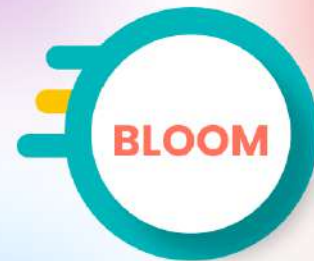
INCULCATION OF SKILLS

Every day, we are moving towards digitalization. We believe in inculcating coding, mathematical and problem solving skills in kids through our quality curriculum to meet the needs of the digital future.

WHY TEENY CODERS?

BLOOM'S TAXONOMY

We believe that every Teeny Coder is the leader of digital future. Our quality curriculum is designed based on these six levels (Create, Evaluate, Analyse, Apply, Understand and Remember) for effective learning. Teeny Coders have 0% compromise policy towards quality education, and adopt the standard guidelines.



FACE MODEL

Each teeny coder's learning matters. Therefore, we have developed our own FACE **FUN-TO-LEARN, ADVANCED, CREATIVE AND EVOLVING** model to verify that our curriculum is nourishing every teeny coder.



QUALITY CURRICULUM

Our Quality Curriculum Is one of our main Product. Our Fun-to-Learn, Advanced, Creative, and Evolving Curriculum is Based On Bloom's Taxonomy Standards, which makes Sure That Every Teeny Coder Is Obtaining the best Coding, Problem Solving And Cognitive Skills.



COMPETENT FACULTY

We have selected the best faculty for our Teeny Coders, who are graduates from renowned universities with great teaching experience at academia and industry levels. Our faculty is energetic, efficient and passionate to teach our digital future leaders.



VARIETY OF COURSES

We, at TEENY CODERS, offer a variety of flavours (courses) which are specifically designed for grade 1 to grade 12 kids. Every course comprise of three difficulty levels (Beginner, Intermediate and Expert). We make sure that every TEENY CODER enjoy their code learning journey with solid concepts.



STEERING LEADERSHIP

Teeny Coders leadership have combined experience of more than 25 years in academia and industry. Therefore, every teeny coders future is bright and safe because our leadership knows what is best for your kids.

MACHINE LEARNING CURRICULUM



BEGINNER LEVEL



Course Contents

27 Lectures • 32 Activities • Duration: 4-5 Months



LECTURE NO.	TOPICS : ACTIVITIES
Lecture 1	● Essentials of any Programming Language : Work on Essentials
Lecture 2	● Introduction to Operators : Exercises on Operators
Lecture 3	● Control Structures : Practice The Concepts
Lecture 4	● Loops and switch statement : Practice The Concepts
Lecture 5	● Pointer and This Pointer : Implementation of Pointers
Lecture 6	● Functions in python : Implementation of Functions
Lecture 7	● Parameterized Functions : Parameterized functions Implementation
Lecture 8	● Classes in Python : Implementation of Class
Lecture 9	● Constructors In Python : Implementation of Constructors
Lecture 10	● Getter And Setter in Python : Implementation of Getter and Setter
Lecture 11	● Explanatory Data analysis Part -1 : Types of Data along with how to do their EDA (Text Data)
Lecture 12	● Explanatory Data analysis Part -2 : Explore Android Studio (Image, audio, & video)
Lecture 13	● Introduction to Artificial Intelligence : Definition of Artificial Intelligence, Machine Learning and Deep learning explained by use cases.
Lecture 14	● Dataset? What is it? From where we can get a dataset? : Kaggle account creation along with GitHub & introduction to many other famous data repositories.
Lecture 15	● Machine Learning Fundamentals : Top 10 ML models introduction
Lecture 16	● Introduction to machine learning and its applications : Case studies in what situations we use supervised or unsupervised learning
Lecture 17	● Feature extraction techniques : convert a textual data in .csv file or label it.
Lecture 18	● Text preprocessing : removing special characters, lowercasing all words, and removing stop words (common words that do not carry much meaning, such as "the" and "a")
Lecture 19	● Tokenization : Phrases to words conversion on a textual dataset
Lecture 20	● Stemming or Lemmatization : converting "running" to "run" or "dogs" to "dog."
Lecture 21	● Feature extraction : Conversion of word frequency or term frequency-inverse document frequency (TF-IDF)
Lecture 22	● Vectorization : Introduction on why we do vectorization along with its implementation
Lecture 23	● Dimensionality reduction : Introduction and implementation of Dimensionality reduction
Lecture 24	● Splitting dataset : Python implementation on how to split data in two or 3 categories.
Lecture 25	● Supervised Learning : Implementation of supervised learning models using textual data
Lecture 26	● Unsupervised Learning : Implementation of unsupervised learning models using textual data
Lecture 27	● Deep Learning : Implementation of neural networks using TensorFlow or Keras