

TINKER CODER™

Basic Coding Course (Age 7 and above)



THE
BRAINERY
CODE™

CODING & ROBOTICS SCHOOL

Explore
coding through
unique and creative
game-based learning,
which has shown to
increase learning
outcome!



What is TINKER CODER™?

- ⚙️ A basic coding course that allows your child to further explore block-based coding.
- ⚙️ Experiment with coding through inquiry-based and project-based learning.
- ⚙️ Learn coding using the following engaging and popular coding platforms.

SCRATCH: Design interactive animation and games with drag-and-drop coding blocks.

Minecraft Education: Code your character to perform tasks for you.

Course Details

- ⚙️ For children age 7 and above
- ⚙️ All materials provided
- ⚙️ 1:6 Instructor - Student ratio
- ⚙️ Weekly class
- ⚙️ 1 hr 30 mins per lesson
- ⚙️ Frequent progress updates

Why choose The Brainery Code™?

Official Python Trainer for Shopee

Shopee Code League official trainer
(2020 - 2021)

Represented Singapore at World Robot Olympiad™
(2014, 2017, 2019, 2023)

National Robotics Competition Winners
(2014, 2017, 2018, 2019, 2022)

RoboCup Winners 7 years in a row!
(2016 - 2022)

First® Lego® League Winner
(2022)

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Microsoft Cloud
Solution Provider



Official Python
Trainer for Shopee



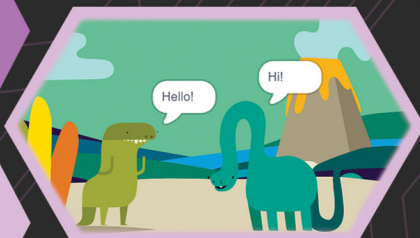
Course Structure

Each stage consists of 8 lessons.

Level 1



Develop simple to moderate **animation** projects using block-based coding.



Level 2



Design simple to moderate **games** utilising functional blocks.

Level 3



In-depth block-based coding using **Code Builder** and program virtual character to perform tasks in an immersive environment.



Level 4



Through project-based learning, learn coding logics like “**loop**”, “**if/else**”, “**conditionals**” and more.

Level 5



Make use of **functions** and **variables** to create your own coding scripts, building your confidence and self-expression.

Level 6



Application and refinement of coding competencies through challenging projects.

