

Brain Train

Learning is a fun ride...

What is this course about ?

- ✓ Teaching kids how to code through activities they love
- ✓ Games, Stories, Workshops...
- ✓ Not just coding
- ✓ Mathematics & Science concepts as well

Course Structure

- ✓ Trimester based
- ✓ Similar to the ones followed in schools
- ✓ Trimester-1 : mid-September to Christmas Holidays
- ✓ Trimester-2: New Year to Easter Holidays
- ✓ Trimester-3: Easter to Summer Break (mid-Jul)
- ✓ Each Trimester has 10-11 weeks

Teaching Schedule

(Age Group: 5-7 Years)

- ✓ Each trimester comprises of 5 lessons
- ✓ Each lesson is a **workshop** of around 1.5 hours
- ✓ The lessons are normally scheduled every alternate weeks (Exact schedule will be announce later)
- ✓ Each 1.5 h lesson is organized as:
 - 40 min teaching +
 - 10 min break +
 - 40 min teaching

Teaching Schedule

(Age Group: 8-11 Years)

- ✓ Each trimester comprises of 5 lessons
- ✓ Each lesson is **workshop** of around 2.5 hours
- ✓ The lessons are normally scheduled every alternate weeks (Exact schedule will be announce later)
- ✓ Each 2.5 h lesson is organized as:
 - 40 min teaching + 15 min break
 - 40 min teaching + 15 min break
 - 40 min teaching

What would the child learn?

- ✓ Sequence
- ✓ Cycle (Looping)
- ✓ Conditionals
- ✓ Flow-chart
- ✓ Sorting
- ✓ Path finding and obstacle avoidance
(Maze solving)

How would the child learn?

- ✓ Interactive activities and games
 - Fruit Ninja Game
 - Story telling (Comic creation)
 - Mine Craft
- ✓ Educative gadgets
 - Sphero ball, Botley Robot
 - Other coding games and gadgets
- ✓ Web platforms
 - Tynker
 - Scratch

Competition & Certification

- ✓ Homework after each workshop lesson
- ✓ Online kids coding competitions
- ✓ Luxembourg Hackathon – Game of Code
- ✓ Course Completion Certificate

Questions ?