

Offline coding activities - Teachers' plan

No. of class = 6 (1.5 hr ~ 90 minutes each)



Class 1

- 10 Greetings, settling, kit distribution
- 7 Discuss daily life activities
- 30 Chapter 1
- 5 Water break
- 15 Understanding directional arrows
- 15 Chapter 2: Exercise 1 & 2
- 8 Wrap up & Ch 1 remarks in book

Class 2

- 5 Greetings & settling
- 10 Revision & quest
- 20 Chapter 2: Exercise 3 to 5
- 15 Maze on floor practical
- 10 Chapter 3 Solving maze
- 5 Water break
- 15 Shortest possible route explain
- 15 Exercise
- 5 Wrap up & Ch 2 remarks

Class 3

- 5 Greetings & settling
- 10 Revision & quest
- 10 Ch 3 exercise
- 10 Chapter 4 Introduction & explanation
- 20 Simple debugging exercises
- 5 Water break
- 25 Alphanumeric debugging & arithmetic operations
- 5 Wrap up & Ch 3 remarks

Class 4

- 10 Greetings & settling
- 15 Revision, quest & Ch 4 remaining
- 15 Play with paper cups
- 20 Paper cup codes
- 5 Water break
- 20 Cup programming activities 1 to 5
- 5 Wrap up & Ch 4 remarks

Class 5

- 5 Greetings & settling
- 10 Revision & quest
- 15 Flipping the cups exercises
- 5 Water break
- 30 Roleplay: Robot vs programmer kid
- 10 Understanding how robots work
- 10 Wrap up & Ch 5 remarks

Class 6

- 5 Greetings & settling
- 10 Revision & quest
- 25 Roleplay activities
- 5 Water break
- 30 Revision exercises
- 10 Experience sharing + certificate
- 10 Wrap up & Ch 6 remarks