

Express Course (2018)

Learn the basics of computer science and internet safety. At the end of the course, create your very own game or story you can share.

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Lesson Name

Progress

1. Graph Paper Programming

Unplugged Activity

2. Coding with Angry Birds

1 2 3 4 5 6 7 8 9 10 11

3. Relay Programming

Unplugged Activity

4. Debugging with Scratch

1 2 3 4 5 6 7 8 9 10

5. Collecting Treasure with Laurel

1 2 3 4 5 6 7 8 9 10 11 12 13

6. Creating Art with Code

1 2 3 4 5 6 7 8 9 10

7. Getting Loopy

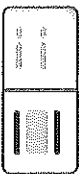
Unplugged Activity

8. Loops with Rey and BB-8

1 2 3 4 5 6 7 8 9 10 11 12 13 14

9. Sticker Art with Loops

1 2 3 4 5 6 7 8 9 10 11 12



Lesson Name

Progress

10. Copyright and Creativity

Unplugged Activity

11. Looking Ahead with Minecraft



12. Nested Loops in Bee



13. Nested Loops with Anna and Elsa



14. While Loops with the Farmer



15. Until Loops in Maze



16. Conditionals with Cards

Unplugged Activity

17. If/Else with Bee



18. Harvesting with Conditionals



19. Songwriting

Unplugged Activity

20. Functions with Minecraft



21. Functions with the Harvester



Lesson Name

Progress

22. Functions in Artist



23. Screen Out the Mean

Unplugged Activity



24. Determine the Concept

Unplugged Activity



26. Build a Flappy Game

Unplugged Activity

Unplugged Activity

28. Envelope Variables



29. Variables with Artist



30. Changing Variables with Bee



31. Changing Variables with Artist

Unplugged Activity

32. For Loop Fun



33. For Loops with Bee

Lesson Name

Progress

34. For Loops with Artist



35. Learning Sprite Lab



36. Alien Dance Party



37. Pet Giraffe



38. Explore Project Ideas



39. The Design Process



40. Build Your Project



41. Revise Your Project



42. Present Your Project



43. Binary Bracelets



44. Binary Images



45. Binary Images with Artist



Lesson Name	Progress
46. The Internet	Unplugged Activity
47. Crowdsourcing	Unplugged Activity

