

INTRODUCTION TO CODING

SUBJECT

Coding

TEACHER

Safiya

GRADE

4-10

DATE

Date

OVERVIEW

These courses teach the foundational concepts of programming using drag and drop blocks rather than a text language such as JavaScript or Python. Blocks are an easier way to get started and even top universities today begin their classes with block-based programming.

CHAPTER**LESSONS****NUMBER OF CLASSES**

WARM UP	1 . Dance Party	1
SEQUENCING	2 . Programming with Angry Birds. 3 . Debugging with Scrat. 4 . Collecting Treasure with Laurel. 5 . Creating Art with code	4
LOOPS	Lesson 6: Loops with Rey and BB-8 7 . Sticker Art with Loops. 8 . Nested loops in Maze. 9 . Snowflakes with Anna and Esla. 10 . Looking Ahead with Minecraft.	5
CONDITIONALS	11 . If/Else with Bee 12 . While loops with farmer 13 . Conditionals with miinecraft. 14 . Until Loops in maze. 15 . Harvesting with conditionals	5

CHAPTER	LESSONS	NUMBER OF CLASSES
FUNCTIONS	16. Functions in minecraft 17 . Functions with harvester. 18 . Functions with artist	3
VARIABLES	19 . Variables with artist. 20 . Changing variable with bee. 21 . Changing variables with artist.	3
FOR LOOPS	22 . For loops with bee 23 . for loops with artist	2
SPRITES	24 . Swimming fish in sprite lab 25 . Alien Dance Party 26 . Behaviours in Sprinte lab 27 . Virtual pet with sprite lab	4
END OF COURSE PROJECT	Projects this big take time and plenty of planning. Find your inspiration, develop a plan, and unleash your creativity!	1-2 Total - 30

RESOURCES

- Laptop or pc
- Good internet connection

NOTES

Classes will be online

Fees – 5999/-
Fees can be paid in installment.

APP DEVELOPMENT

Fees - 14999

SUBJECT

Coding

TEACHER

Safiya

GRADE

4-10

DATE

Date

OVERVIEW

These courses teach the foundational concepts of programming using drag and drop blocks rather than a text language such as JavaScript or Python. Blocks are an easier way to get started and even top universities today begin their classes with block-based programming.

CHAPTER

LESSONS

NUMBER OF CLASSES

WARM UP	1 . Dance Party	1
SEQUENCING	2 . Programming with Angry Birds. 3 . Debugging with Scrat. 4 . Collecting Treasure with Laurel. 5 . Creating Art with code	4
LOOPS	Lesson 6: Loops with Rey and BB-8 7 . Sticker Art with Loops. 8 . Nested loops in Maze. 9 . Snowflakes with Anna and Esla. 10 . Looking Ahead with Minecrafft.	5
CONDITIONALS	11 . If/Else with Bee 12 . While loops with farmer 13 . Conditionals with miinecrafft. 14 . Until Loops in maze.	5

CHAPTER	LESSONS	NUMBER OF CLASSES
	15 . Harvesting with conditionals	
FUNCTIONS	16. Functions in minecraft 17 . Functions with harvester. 18 . Functions with artist	3
VARIABLES	19 . Variables with artist. 20 . Changing variable with bee. 21 . Changing variables with artist.	3
FOR LOOPS	22 . For loops with bee 23 . for loops with artist	2
SPRITES	24 . Swimming fish in sprite lab 25 . Alien Dance Party 26 . Behaviours in Sprinte lab 27 . Virtual pet with sprite lab	4
END OF COURSE PROJECT	Projects this big take time and plenty of planning. Find your inspiration, develop a plan, and unleash your creativity!	1-2 Total - 30

RESOURCES

- LAPTOP OR PC
- GOOD INTERNET CONNECTION

NOTES

CLASSES WILL BE ONLINE

FEES – 14999/-

FEES CAN BE PAID IN INSTALLMENT.

BEGINNERS WEB DEVELOPMENT

Fees -7,999

SUBJECT	TEACHER	GRADE	TYPE
Coding	Safiya	4-10	2 in 1 Package

OVERVIEW (LEARN HTML , CSS)

You'll learn how to create and share the content on your own web pages. After deciding what content you want to share with the world, you'll learn how to structure and style your pages using HTML and CSS. You'll also practice valuable programming skills such as debugging and commenting. By the end of the unit, you'll have a personal website that you can publish to the Internet.

CHAPTER	LESSONS	NUMBER OF CLASSES
WEB CONTENT AND HTML	<ol style="list-style-type: none">1. Exploring Websites.2. Intro to HTML.3. HTML EDITOR.4. HTML BASICS5. HTML HEADING	1
HTML TAGS	<ol style="list-style-type: none">1. HTML ATTRIBUTES.2. HTML Paragraphs.3. HTML links.4. HTML Images5. HTML Tables6. HTML Lists	4
STYLING YOUR WEB PAGE	<ol style="list-style-type: none">1. HTML Colors.2. HTML Style Attribute.3. Styling Text.4. Styling Images.	3
HTML FORMS	<ol style="list-style-type: none">1. HTML Forms Attribute.2. HTML Forms Elements.3. HTML Input types.4. HTML Input form attribute.5. Styling forms.	2
CSS3	<ol style="list-style-type: none">1. Webpage Backgrounds.2. Webpage Borders.3. Webpage fonts , Images,lists,tables.4. Position.5. Alignment.	4

CHAPTER	LESSONS	NUMBER OF CLASSES
	6 . Add Icons	
PROJECT	BUILD MULTIPAGE WORKING WEBSITE WITH MENTOR GUIDACE. Find your inspiration, develop a plan, and unleash your creativity!	4 Total classes - 18

RESOURCES

- LAPTOP OR PC
- GOOD INTERNET CONNECTION

NOTES

CLASSES WILL BE ONLINE

FEES – 7999/-

FEES CAN BE PAID IN INSTALLMENT.