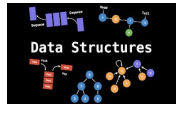
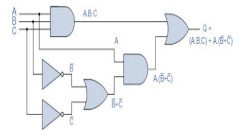
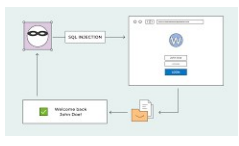


Computer Science Learning Journey



13

Algorithms
Python Programming
Software Development
Boolean Algebra



12

Structure of a processor
Networking and Threats
Web technologies
Ethics, moral and cultural issues



11

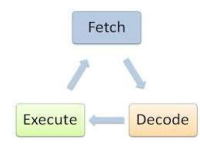
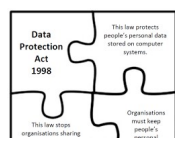
Computational thinking
Designing and creating more robust program
Implementing search and sorting algorithms

Decimal	Binary	Hexadecimal
0	0000	0
1	0001	1
2	0010	2
3	0011	3
4	0100	4
5	0101	5
6	0110	6



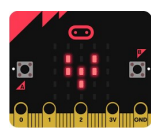
10

Create program using more advance programming techniques
Look into the threats against a computer network
Understand the binary data representation



9

Create program using Python Programming Language
Learn about how the CPU processes instructions
Look into the legislation and ethical issues surround the use of technology
Create an app fit for purpose



8

Scratch and Python programming
Algorithms design
How computers connect and send data along the network



```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Title goes here</title>
6 </head>
7 <body>
8
9 </body>
10 </html>
    
```



7

E-safety
Creating database to collect information
Computer systems
Create a website fit for a purpose