

Computing

To prepare for computing at Nescot, you can prepare by enrolling and completing the below online courses.

| **Site** | **Level** | **Link** | **Description** |
| --- | --- | --- | --- |
| Khan Academy Register for this using a gmail account | Beginner | <https://www.khanacademy.org/hourofcode> | Start here. Good introduction to coding using java script |
| Intermediate | <https://www.khanacademy.org/computing/computer-programming> | Extension of the hour of code, good for all the fundamentals of computer programming |
| Intermediate | <https://www.khanacademy.org/computing/ap-computer-science-principles> | Good basic background to computer science theory |
| Advanced | <https://www.khanacademy.org/computing/computer-science> | Tracked exercises on the theory behind the units you will be studying |
| W3 Schools | Beginner | <https://www.w3schools.com/html/> | Good introduction to HTML for web design with practice exercises |
| Intermediate | <https://www.w3schools.com/css/> | Good introduction to CSS for web design with practice exercises |
| Microsoft Learning Academy | Advanced | <https://docs.microsoft.com/en-gb/learn/m365/> | Learn how to administer and use Microsoft 365 effectively |
| Netacad | Intermediate | <https://www.netacad.com/courses/security/introduction-cybersecurity> | Cybersecurity fundamentals |
| Beginner | <https://www.netacad.com/courses/iot/introduction-iot> | Internet of Things |
| Beginner | <https://www.netacad.com/courses/os-it/get-connected> | Digital Basics |

