

**April:**

Learn how AI is changing education and employment and understand how this works



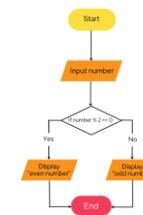
**May:**

Understand the wider impact of technology, consider the environment, our health and the laws in place to protect us.



**June:**

Learn how algorithms are constructed. Use logic gates to display a sequence of instructions to resolve a problem.



**July:**

Understand how encryption works and learn how to follow and create flowcharts



Term 5 

Term 6 

**March:**

Step from block-based programming into text-based programming with an introduction into Python



Term 4 



**February:**

Create your own game in scratch and start to look at what text based programming looks like with EDU blocks



**January:**

Learn a range of programming techniques through block-based programming

Term 3 

**September:**

Learn how to log into the computer and access homework remotely. Look at the different software we use in school and how to use it.



**December:**

Learn how primary and secondary storage works and how to choose the appropriate storage for each task.



Term 1 



Term 2 

**October:**

Learn how to use Microsoft Excel, format tables, create formulas and design charts and graphs to display information.



**November:**

Learn how a computer works internally and the peripherals needed to communicate with the computer



• **The journey starts here:**



**Computer Science Year 7**

