Explore

Computer Science

Activity	Date completed	Your comments
Improve your coding skills or learning a new language such as Javascript, Python and C#. The websites listed below are all excellent resources: • Free Code Camp • Codecademy • W3schools		
Project Euler is a website that has a series of challenging mathematical/computer programming problems that require coded solutions. Have a go at some of the Project Euler challenges and see how many you can solve		
Find out the rules for the following traditional games and have a go at programming a solution to them in a language of your choice: • Mastermind • Blackjack • Connect 4		
The Towers of Hanoi is an ancient mathematical puzzle. Find out about the puzzle and see if you can write a program in any language to solve it		
Do some research and see what you can find out about the following topics: • Artificial intelligence • Quantum computing • Cyber security		