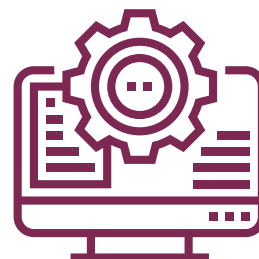# COMPUTER SCIENCE

- Museum visit: The National Museum of Computing (TNMOC) is home to the world's largest collection of working historic computers.
- Museum visit: Science Museum
- Thinking Machines: Stories from the history of computing
- Lovelace, Turing and the Invention of Computers
- BLETCHLEY PARK: Discover the incredible achievements of Britain's World War Two Codebreakers, in the place where it happened.
- Text Books: Provision of textbooks to enable students to access a range of application and extension features.
- Digital Library Magazine Subscriptions: Browse a large digital library with thousands of articles on advanced computing topics.
- Websites and Podcasts:
  Myheplus
  Isaac Computer Science
  NASA
  Oxford Sparks
  Brilliant
  Bletchley Park
- Podcasts
- Competitions:
  The British Informatics Olympiad is the national computing competition for schools and colleges.
- The Bebras Computing Challenge introduces computational and logical thinking to students.
- Explore Computer Science through YouTube videos: There are a number of YouTube channels dedicated to exploring IT and Computer Science; you can use these videos as a source of inspiration and a starting point to doing your own project or research.
- Numberphile
  3Blue1Brown
  Ben Eater
  Sebastian Lague

- MOOCs Online Courses: MOOCs is short for Massive Open Online Courses, which are mostly free. There is a vast range of online courses available.
  Coursera
  EdX
  Futurelearn
  Udacity
- Reading list suggestions: This includes reading books, blogs or articles. The following list includes a number of suggestions. However, it is not an exhaustive list as there are many other books/articles available.
  Artificial Intelligence: A Modern Approach, Stuart Russell and Peter Norvig
  The New Turing Omnibus, A. K. Dewdney
  Computing with Quantum Cats, John Gribbin
  The Emperor's New Mind, Roger Penrose
  Algorithmic Adventures: From Knowledge to Magic, Juraj Hromkovič
  The Code Book: The Secretive History of Codes and Codebreaking, Simon Singh
  New Scientist
  Quanta Magazine