ICT & Computing Reading List

KS3

Title	Author	Genre
Zenobia July	Lisa Bunker	Fiction
President of the Whole Sixth Grade: Girl Code	Sherri Winston	Fiction
Gamer Army	Trent Reedy	Fiction
The Exact Location of Home	Kate Messner	Fiction
A Day in Code: Python	Sharri Eskenas	Fiction
A Day in Code: 01001	Sharri Eskenas	Fiction
How to think like a coder without even trying	Jim Christian	Non-Fiction
The extraordinary life of Alan Turing	Michael Lee Richardson	Non-Fiction
Computer Science Colouring Book	William Lau	Non-Fiction
Design, Animate and Create Computer Graphics	Max Wainewright	Non-Fiction
How To Code	Max Wainewright	Programming
The Quest Kids Coding with Scratch	Max Wainewright	Programming
Computer Coding Games for Kids	Carol Vorderman	Programming
Adventures in Raspberry Pi	Carrie Anne Philbin	Programming
Python Basics Level 1	Chris Roffey	Programming
Code this Game	Meg Ray	Programming

KS4

Title	Author	Genre
Ready Player One	Ernest Cline	Fiction
Where Futures End	Parker Peevyhouse	Fiction
The Six	Mark Alpert	Fiction
The Silence of Six	EC Myers	Fiction
Computational Fairy Tales	Jeremy Kubica	Fiction
little brother & homeland	Cory Doctorow	Fiction
AI: Its nature and future	Margaret A Boden	Non-Fiction
Hello World	Hannah Fry	Non-Fiction
But How Do It Know	J. Clark Scott	Non-Fiction
Bletchley Park Brainteasers	Sinclair McKay	Non-Fiction
Get Coding! Learn HTML, CSS & Javascript & build a website, app & game	Young Rewired State	Programming
Coding projects in Python	DK Children	Programming
The Little Book of Algorithms 2.0	William Lau	Programming
Code The Classics Volume 1	David Crookes	Programming
Cracking Codes With Python	Al Sweigart	Programming
Beginning C++ Through Game Programming	Michael Dawson	Programming

KS5

Title	Author	Genre
I Robot	Isaac Asimov	Fiction
Willful Machines	Tim Floreen	Fiction
Daemon	Daniel Suarez	Fiction
I am AWAKE	Fisher Samuels	Fiction
Brown Dogs & Barbers	B - Karl Beecher	Non-Fiction
Machines That Think	New Scientist	Non-Fiction
CODE	Charles Petzold	Non-Fiction
The Computer's Voice	Liz W Faber	Non-Fiction
The Pattern on the Stone	W. Daniel Hillis	Non-Fiction
Godel, Escher, Bach	Douglas Hofstadter	Non-Fiction
Computer Science An Overview	J Glenn Brookshear and Dennis Brylow	Non-Fiction
Algorithmics The Spirit of Computing	David Harel	Non-Fiction
A Level Computer Science Workbook	Isaac Computer Science	Non-Fiction
Invent Your Own Computer Games With Python	Al Sweigart	Programming
Automate The Boring Stuff With Python	Al Sweigart	Programming
Making Games with Python & Pygame	Al Sweigart	Programming
Learning C# by Developing Games with Unity 2020	Harrison Gerrone	Programming