

TALLIS 16+

THOMAS TALLIS SCHOOL POST 16 CENTRE

TRANSITION READING LIST

SUBJECT: Information Technology

Principle Course Text

- **BTEC Nationals Information Technology Student Book**
 - Author: Jenny Phillips, Alan Jarvis, Mark Fishpool, Richard McGill, Tim Cook and David Atkinson-Beaumont
 - ISBN: 9781292140308

Other Main Texts

- **Revise BTEC National Information Technology Revision Guide**
 - Author: Ian Bruce, Daniel Richardson, Alan Jarvis
 - ISBN: 9781292150369
- **Revise BTEC National Information Technology Revision Workbook**
 - Publisher: Pearson
 - Author: Daniel Richardson, Alan Jarvis
 - ISBN: 9781292150352

Additional Texts

- **Industries of future**
 - Author: Alec Ross
 - ISBN: 978-1476753652
 - *Explore a "lucid and informed guide" (Financial Times) to the changes coming in the next ten years. The author discusses robotics and artificial intelligence, cybercrime and cybersecurity, the commercialization of genomics, the next step for big data, and the impact of digital technology on money and market.*
- **The Inevitable: Understanding the 12 Technological Forces That Will Shape Our Future**
 - Author: Kevin Kelly
 - ISBN: 9780525428084
 - *A guide through the twelve technological imperatives that will shape the next thirty years and transform our lives. Themes: Industry 4.0, technology, employment, culture*
- **Cybersecurity**
 - Author: Lester Evans
 - ISBN: 978-1791553586

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- *With plenty of examples, this book will show you that the internet is not merely a way to watch cute cat videos; it's a battlefield, a military invention that was accidentally found to be capable of overpowering any threat economically, digitally and politically.*
- **Ghost In The Wires: My Adventures as the World's Most Wanted Hacker**
 - Author: Kevin Mitnik, William Simon
 - ISBN: 978-0316212182
 - *Ghost in the Wires is a thrilling true story of intrigue, suspense, and unbelievable escapes -- and a portrait of a visionary who forced the authorities to rethink the way they pursued him, and forced companies to rethink the way they protect their most sensitive information.*
- **Artificial Intelligence: A Guide for Thinking Humans**
 - Author: Melanie Mitchell
 - ISBN: 978-0241404836
 - *No recent scientific enterprise has been so alluring, terrifying and filled with extravagant promise and frustrating setbacks as artificial intelligence. Writing with clarity and passion, leading AI researcher Melanie Mitchell offers a captivating account of modern-day artificial intelligence.*

Podcasts

- [Wired podcast](#)
 - The week in tech, culture, science and politics.