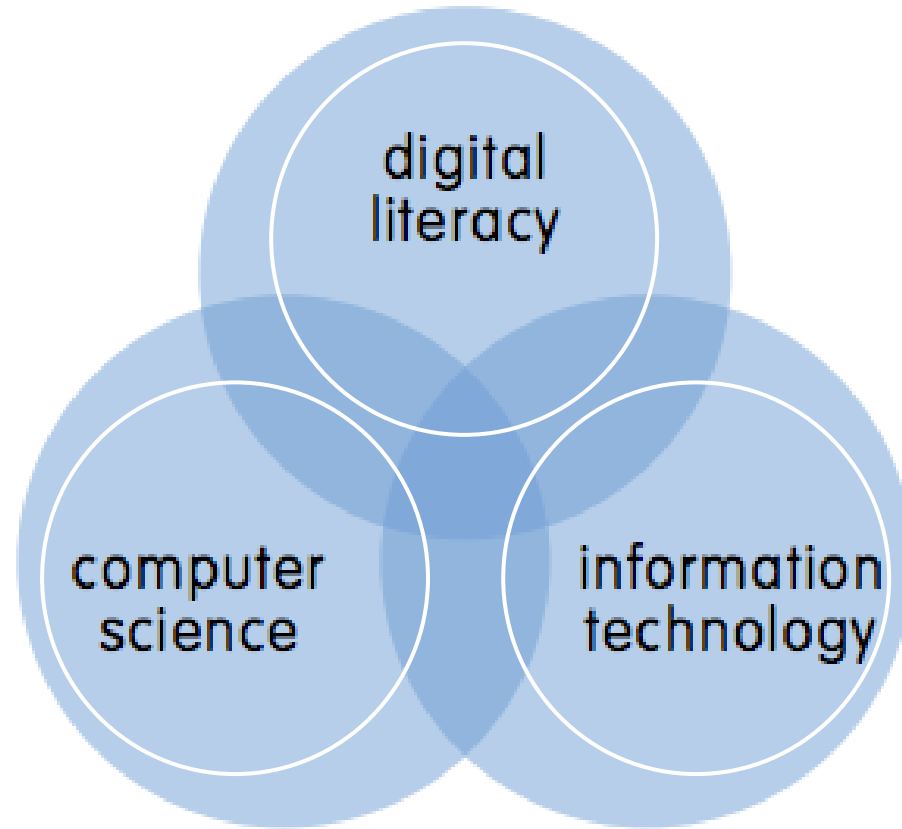
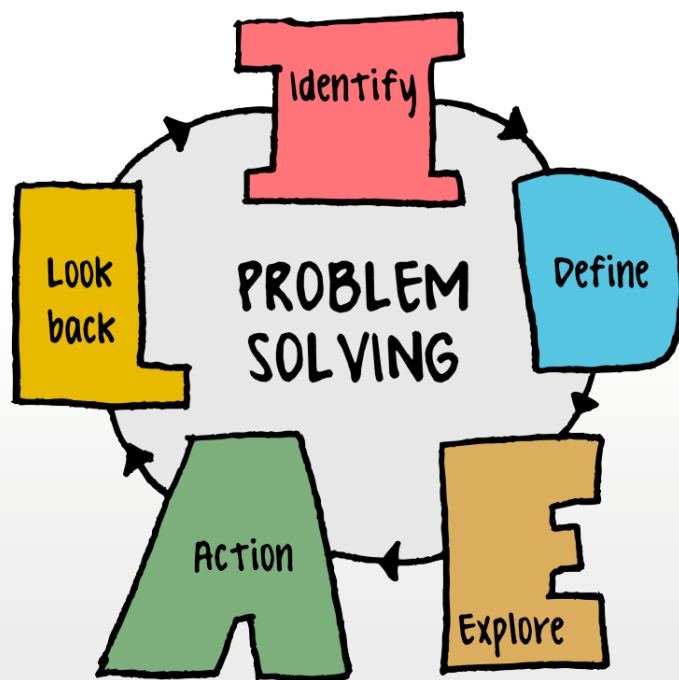


KS3 COMPUTING

INFO, SUPPORT, READING & DEVELOPMENT



CLICK ON THE SECTION YOU WOULD LIKE TO KNOW MORE ABOUT!



WHAT EACH STRAND COVERS/FOCUSES ON

DIGITAL LITERACY

Home



Useful links & Reading

- **About:** Digital video & audio: <https://www.bbc.co.uk/bitesize/articles/zyb72hv#zgfmjmbk>
- [Animation \(types\) – try me – learn more! PPT.](#)
- [Audio \(properties & features\) – try me – learn more! PPT.](#)
- **Why digital literacy matters:** <https://www.bcs.org/policy-and-influence/education/digital-literacy/>
- **Read:** Digital Life Skills for Teens: How to Communicate, Behave, Stay Safe, and Find Balance in an Online World. The Essential Digital Survival Guide
- **Careers:** <https://www.iberdrola.com/talent/most-demanded-digital-professions>
- **E-Safety:** <https://www.bbc.co.uk/bitesize/guides/zrtrd2p/revision/1>
- <https://www.youtube.com/watch?v=OvuTggy6EUQ>
- **Key words:** <https://www.quia.com/jg/2407683list.html>

Software to enhance your skills

- **Animation:** <https://www.wickededitor.com/#/>
- **Video:** <https://clipchamp.com/en/>
- **Sound:** <https://www.capcut.com/>
- **Storyboards:** <https://www.storyboardthat.com/>
- **Image editing:** <https://www.photopea.com/>
- **Combined:** <https://www.canva.com/templates>
- **Skills courses:** <https://www.futurelearn.com/career-advice/grow-your-digital-skills>



Useful links & Reading

- **About:** <https://www.bbc.co.uk/bitesize/subjects/z8mtsbk> and <https://www.bbc.co.uk/bitesize/guides/z4p4jxs/revision/1>
- **Read:** Hitchhikers guide to the Galaxy (Douglas Adams). Steve Jobs (Walter Isaacson). Virtual Society (Herman Narula * advanced reading)!
- **Read/learn:** https://www.teach-ict.com/2016/ks3/ks3_home.html
- **Movies:** War Games (1983) for cybersecurity. The Social Network (2010) for computer science and innovation. Big Hero 6 (2014) for robotics.
- **IT Workplace skills employers want you to have:** <https://www.expertrain.co.uk/post/the-most-valuable-microsoft-office-skills-for-jobs-in-2026>
- **Key words and Tech Tools For KS3:** <https://www.wgu.edu/blog/it-glossary-tech-tools-kids2001.html>

Software to enhance your skills

- **Skills courses:** <https://support.microsoft.com/en-GB/microsoft-365>
- **Using 365:** <https://www.youtube.com/playlist?list=PLmkaw6oRnRv86T0vsJJE4PaMgLIx7mUPy>
- **PowerPoint tutorial:** <https://www.youtube.com/watch?v=l5lj7nUy9UQ>
- **Excel (spreadsheets) tutorial:** <https://www.youtube.com/watch?v=LgXzzu68j7M> and more advanced <https://www.youtube.com/watch?v=PqczHnsNFdM>

COMPUTER SCIENCE (CODING, LOGIC, PROBLEM SOLVING)

Home



Useful links & Reading

- **About:** <https://www.bbc.co.uk/bitesize/subjects/zvc9q6f>
- **Read:** Hidden Figures by Margot Lee Shetterly (or watch the movie on Netflix). Computational Fairy Tales (Jeremy Kubica)
- **Why computing matters:** <https://www.youtube.com/watch?v=YPE2dO5sII0> and <https://www.apu.apus.edu/area-of-study/information-technology/resources/why-study-information-technology/> and <https://www.apu.apus.edu/area-of-study/information-technology/resources/information-technology-coding-skills-and-their-importance/>
- **Movies:** I, Robot. AI, Artificial Intelligence. The Mitchells vs. the Machines. How to start a robot revolution series (watch here: <https://www.youtube.com/watch?v=ErHAhRiUaY0>)
- **Advanced knowledge:** [OCR GCSE Computer Science Revision - Craig 'n' Dave](#)
- **Careers:** <https://www.bcs.org/it-careers/tech-career-quiz/> and <https://www.apu.apus.edu/area-of-study/information-technology/resources/what-can-you-do-with-a-computer-science-degree/>
- **Key words:** <https://teachcomputing.org/primary-computing-glossary>

Software to enhance your skills

- **Python Download:** [Python Releases for Windows | Python.org](#)
- **Skills (Python):** [Learn Python - Free Interactive Python Tutorial](#)
- **Skills (Scratch):** <https://scratch.mit.edu/>
- **Skills (APP Lab):** <https://code.org/en-US/tools/app-lab>
- **Skills (Game development):** <https://codecombat.com/>
- **Courses:** <https://www.codecademy.com/>
- **Hour of code:** <https://code.org/en-US/hour-of-code>