

**AQA Computer Science AS Level**  
**4.4.1 Abstraction and automation**  
Extra Resources



Sherlock Syllogisms - Teaching London Computing

<https://teachinglondoncomputing.org/sherlock-syllogisms/>

Oxford MAT Past Papers (Question 6 is problem solving each year)

<https://www.maths.ox.ac.uk/study-here/undergraduate-study/maths-admissions-test>

Problem Solving - The University of Utah

[https://www.cs.utah.edu/~germain/PPS/Topics/problem\\_solving.html](https://www.cs.utah.edu/~germain/PPS/Topics/problem_solving.html)

Logic Puzzles - Math is Fun

<https://www.mathsisfun.com/puzzles/logic-puzzles-index.html>

The Art of Abstraction - Computerphile

<https://www.youtube.com/watch?v=p7nGcY73epw>

Abstraction - Computational Thinking

<https://www.youtube.com/watch?v=jV-7Hy-PF2Q>

Computer Science Concept - Abstraction

[https://www.youtube.com/watch?v=0w\\_rla7GodI](https://www.youtube.com/watch?v=0w_rla7GodI)

