



Computing Year 8 Half Term 2

Computing Strands:
Information Technology
Computer Science
Digital Literacy



Bebras Challenge - Problem Solving

Learn how to think like a Computer Scientist. Learn how to solve problems by applying Computation Thinking (Abstraction, Decomposition, Pattern Recognition & Algorithms)

SKILLS TAUGHT:

- Problem solving
- Abstraction
- Decomposition
- Pattern Recognition
- Algorithmic thinking
- Image representation

Bitmap Images

Learn about images and what they are made from.

Learn how to create your own images using binary and pixels

The skills you will learn this half term will give you the knowledge to solve problems in your other subjects in school and in the real world.



Why are we learning this? To be able to look at a problem and understand how to solve it. Applying the skills in breaking a problem down into smaller parts and removing the unnecessary detail