



## Stocksbridge Junior School Computing Concepts

*“Computers are incredibly fast, accurate, and stupid. Human beings are incredibly slow, inaccurate, and brilliant. Together they are powerful beyond imagination.”*

**Albert Einstein**

### SJS Computing Concepts

**Concept 1:**

**Computer systems and networks** - Identifying hardware and using software, while exploring how computers communicate and connect to one another.

**Concept 2:**

**Programming** - Understanding that a computer operates on algorithms, and learning how to write, adapt and debug code to instruct a computer to perform set tasks.

**Concept 3:**

**Creating Media** - Learning how to use various devices — record, capture and edit content such as videos, music, pictures and photographs.

**Concept 4:**

**Data Handling** - Ensuring that information is collected, recorded, stored, presented and analysed in a manner that is useful and can help to solve problems.

**Concept 5:**

**Online Safety** - Understanding the benefits and risks of being online — how to remain safe, keep personal information secure and recognising when to seek help in difficult situations.