



St White's Primary School - Computing

Phase: KS1

Topic: Technology beyond school and Scratch Junior

E-safety Knowledge

We have to follow certain rules to stay safe online.
We should not share personal information on the internet.

What should I already know?

We use technology to help us in places such as home and school.
Computers, tablets and phones use the internet.
The internet provides us with information and lets us share our information.
To stay safe online we have to share what we are doing with a trusted adult.
If we see something uncomfortable online, we should tell a trusted adult.

Knowledge - Technology

We see technology in use everyday, beyond school: the tills at the supermarkets, the scanner at the library or in a bank.
Technology is used in libraries, banks and supermarkets to help make the systems simpler and more manageable.

Why we learn computing

Computer scientists use logical thinking and their creativity to understand and change the world.

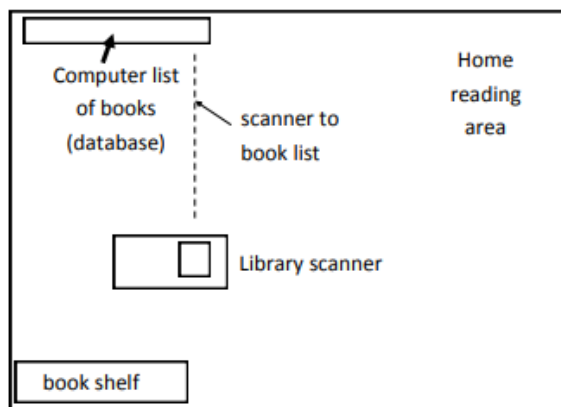


Knowledge – Scratch Junior

I have to start off a programme with a starting block.
I end the programme with an end block.
There needs to be a complete sequence to follow.
If there is a problem with my sequence, I have to debug it to work out the correct answer.

Technical vocabulary

| | |
|---------------------|--|
| Pin | Personal identification number |
| Bar code | A pattern of parallel lines of different widths with numbers underneath that can be read by a machine. |
| Algorithms | A set of rules to be followed by a computer |
| Program | To give a computer (or other machine) instructions that will make it carry out a task on its own |
| Bug | A problem with a program on a computer that stops it working properly |
| debugging | The act of finding and solving the problem (bug) with a program |
| collaboration | Working together |
| logical | Something based on good reasons (rather than emotion) |
| Precise/unambiguous | Clear and detailed |
| Direction | The route or path something takes |
| Left/right | Directions that can be taken when turning |
| run | The instruction given to a program to make it go |



How a library works

