Mendell Primary School

Aspire   Challenge   Achieve

Key Sticky Knowledge Memory Flash Point Tracker: Computing

Key Knowledge	MFP date	MFP date	MFP date	MFP date	MFP date	MFP date	MFP date	MFP date	MFP date	MFP date
F1 I can talk about technology used at school										
I know when I push a button on a toy, something will happen										
F2 I can talk about technology used at home										
I know smartphones, tablets, computers are types of hardware										
I know reasons why people might use technology										
Y1 Private info (name,address,DOB,school) must not be shared online										
I know what an algorithm is										
Programming mistakes are called bugs. Debugging finds & fixes them										
Software is the programs used by a computer										
Hardware is the parts of a computer that you can touch										
Y2 I know what a digital foot print is										
Computers use algorithms to work and follow instructions precisely.										
Computers and devices can be linked in different ways										
Hardware can be used to collect data.										
I know what online and offline mean for a device										
Y3 I know advantages/disadvantages of communicating electronically										
Images and data must not be shared online without permission										
A single algorithm or series of algorithms is called a program.										
I know what loops are in programming										
Y4 I know what cyber bullying is										
I can change text, images, sound or video clips and animation										
An input device receives information and sends it to a computer.										
Y5 Digital content is traceable and can be tracked to who created it.										
Algorithms containing IF, THEN, OTHERWISE are called selections.										
I know what a computer network is and who can access it										
Some websites have more reliable content than others and content should be verified with another independent source.										
Y6 Input and output devices can be combined with programming software to control a physical system										
Search engines take many factors into account but do not consider whether the content is true, age-appropriate or relevant										