Essential Knowledge Computer Science: Algorithms and programmes

- I can use a range of control toys and devices
- I can follow simple instructions to control a digital device
- I can talk about the instructions that I have given
- I can talk about the success or failure of an action and begin to debug

Information Technology: Data retrieving and organizing

- I can insert data into a pictogram as a class with an adult
- I can answer simple questions relating to the pictogram as a class
- I can write my name using a keyboard
- I can use a simple paint programme with developing control
- I can understand the purpose and experiment with hardware such as ipads and cameras

Digital Literacy and E-Safety

- I can talk about what I am doing on a computer
- I can say if something I find on the internet makes me feel bad and speak to an adult about what I have seen
- I know that information can be private or public and I can identify examples of personal information e.g. name/age
- I can describe how some people can be unkind and what makes someone a good friend.
- I know that the internet can be used to communicate with others in different ways.

Core Skills
Using Technology: Computer Systems and Networks
Technology Around Us

- I can recognise a range of technology that is used in places such as homes and schools
- I can choose and use technology to a particular purpose (eg digital art)
- I can use simple activities that use touch technology with increasing control

Vocabulary

Directions: Forwards, backwards, turn

Button, press, move, instructions, pictogram

Keyboard, mouse, ipad, tablet, techonology, computer, internet, website, apps

Telephone, stereo

Safe, help, adult

Equipment

Beebots, floor maps, ipads, whiteboard,

digital microscopes