Computing – KS1

Digital Literacy and Online Safety

At Christ Church, we follow **Digi Duck's** online safety rules.
I know that a range of technology is used in schools and at home.
I will be able to sign on and off a computer and use a password.

To be safe online;
1. I only go online with a grown up
2. I am kind online
3. I keep information about me safe
4. I only talk to people online who I know in real life
5. I tell a grown up if something I see online makes me unhappy

Programming

To program, we use instructions to plan a journey for a programmable toy (E.g. Beebots).

We will make predictions about how we think the object will travel. Once we have mastered the programming skill, we will explore errors in instructions and how we can correct them.

Information technology and handling data

In KS1, we will use a camera correctly and record and playback sound on a device.
We will use different programmes to create, save and retrieve work. To improve your work, you will learn to copy and paste images from the internet and will know that is not possible to copy some information.

Key vocab

Algorithm – A set of instructions that a computer follows in order to achieve a task.

Apps – A small version of a website.

Bookmarks – Saving a website to find quickly next time.

Coding – Putting information and commands into a program, making it possible for us to create software, apps and websites.

Communication technology – Equipment used to communicate such as a mobile phone, tablet, iPad or laptop.

Data – Data is information.

Debug – Debugging is checking the code in a computer program to make sure it works and changing it if it doesn't.

Digital content – Any data that exists digitally.

Email – Messages sent through a computer.

Internet – A network of computers linked all over the world.

Online Safety – Following our online safety rules at school and at home.

Logical – Completing instructions in the correct order.

Navigate – Opening and moving through different programs on a device.

Password – A set of secret words or numbers used to log in and out

Pop ups - A small window or menu which takes you to another website.

Program – A sequence of instructions that can be completed to perform a task.