

# William de Yaxley CE Academy

## Knowledge Organiser – Year 3 Computing

### Key learning

ASDF HJKL: home keys, your fingers should rest here before any typing commences.  
Caps locks will put everything in capitals letters.

Use the shift key for single capital letters.

Space bar to make a finger space.

Enter key for a new line.

Highlight text to edit by changing font, size and colour

### What should I already know?

How to create and debug simple programs  
How to use logical reasoning to predict the behaviour of simple programs  
How to recognise common uses of information technology beyond school

### Golden thread

**Communication** The internet can be used to communicate with people in a variety of ways including emails all around the world  
The digital world can be used to convey messages through using programmes such as Powerpoint and through using video

### Being a Good Digital Citizen

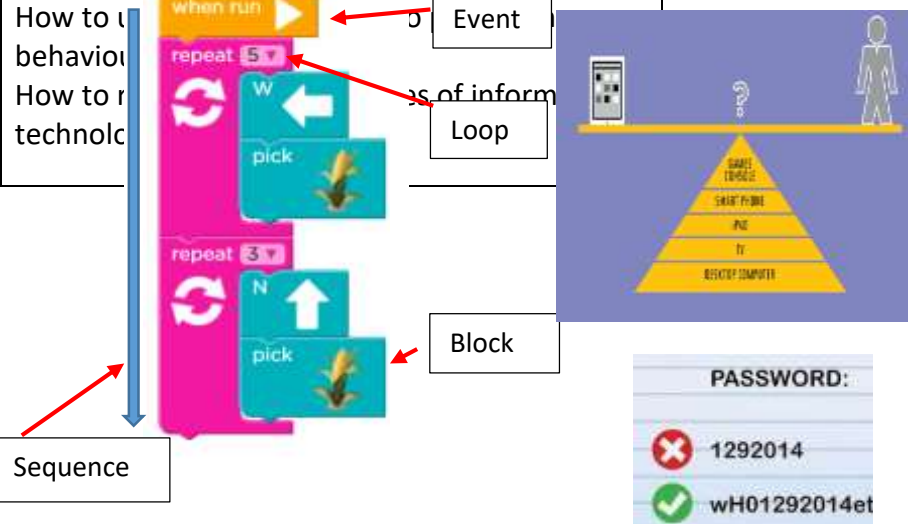
Use these questions as a gauge before posting anything online:



Applied

### What I already know

How to create simple programs  
How to use logical reasoning to predict the behavior of simple programs  
How to recognise common uses of information technology beyond school



| Tier 1 Vocabulary |                                                                                            |                                                                                                           |     | Tier 2 Vocabulary |         |       |                                                                                     |
|-------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----|-------------------|---------|-------|-------------------------------------------------------------------------------------|
| Bullying          | Copy                                                                                       | Password                                                                                                  | Cut | Citizenship       | Digital | Data  | Wireless                                                                            |
|                   |                                                                                            |                                                                                                           |     | File              | Paste   | Mouse |  |
| Tier 3 vocabulary |                                                                                            |                                                                                                           |     |                   |         |       |                                                                                     |
| E-Safety          | Social media                                                                               | a term for the online platforms that people use to connect with others                                    |     |                   |         |       |                                                                                     |
| Coding            | Algorithm                                                                                  | Steps to follow to achieve a task                                                                         |     |                   |         |       |                                                                                     |
|                   | Sequence                                                                                   | A set of instructions that are followed in order                                                          |     |                   |         |       |                                                                                     |
|                   | Debug                                                                                      | Finding and correcting errors                                                                             |     |                   |         |       |                                                                                     |
|                   | Loops                                                                                      | A way to tell a computer to repeat an action without writing a separate line of code for each repetition. |     |                   |         |       |                                                                                     |
|                   | Events                                                                                     | An action that occurs as a result of the user or another source, such as a mouse click.                   |     |                   |         |       |                                                                                     |
| Computer network  | Network                                                                                    | A group of computers that are connected.                                                                  |     |                   |         |       |                                                                                     |
|                   | Internet                                                                                   | A network of connected computers                                                                          |     |                   |         |       |                                                                                     |
|                   | World wide web                                                                             | All the webpages that are accessed using a web browser                                                    |     |                   |         |       |                                                                                     |
|                   | Online                                                                                     | when the internet is being used to play games, research, read, watch videos etc.                          |     |                   |         |       |                                                                                     |
|                   | Router                                                                                     | is a computer whose software and hardware are customized to move data between computer networks.          |     |                   |         |       |                                                                                     |
| Digital literacy  | Format                                                                                     | to change the way text looks                                                                              |     |                   |         |       |                                                                                     |
|                   | Cursor  | a symbol (as an arrow or blinking line) on a computer screen that shows where the user is working         |     |                   |         |       |                                                                                     |
|                   | Font                                                                                       | The style of writing                                                                                      |     |                   |         |       |                                                                                     |
|                   | CTRL                                                                                       | a key on the keyboard  |     |                   |         |       |                                                                                     |