

**COMPUTER SCIENCE**

Prior learning to reactivate:

- Giving simple instructions, one at a time.
- Discuss the devices they have used.
- Discuss what happens when a series of simple instructions are given

Key learning:

- Know that an algorithm is a set of instructions to achieve a desired outcome.
- Can create a more complex algorithm to move a floor robot/ computer programmed app to a set success point.
- Record an algorithm using an appropriate symbol and picture.
- Know that when something is programmed a response can be predicted
- Debug a simple algorithm to correct an error that has been designed by the teacher
- Know that technology can be all linked together and information can be shared and has uses beyond school.

**Key vocabulary**

Algorithm	a list of instructions for solving a problem
Debug	to remove bugs (mistakes) from a computer program:
Technology	Any device which contains electrical parts
Program	A piece of software to interact with technology
Internet	A connected system of computer where information is stored



Cardlaze Primary School  
Computing Knowledge Organiser

Year 2



### DIGITAL LITERACY

Prior learning to reactivate:

- Devices which can be connected to the internet
- Information can be found on lots of different websites
- Some information should be kept private.

Key learning:

- Know that not everyone or everything online can be trusted
- ICT can be used to share information
- How can information be shared
- Can list a range of devices that connect to the internet
- Understand the SMART online safety guidelines
- Discuss and identify personal information that should be kept private
- Identify true and false information in a range of different contexts

### INFORMATION TECHNOLOGY

Prior learning to reactivate:

- Basic control on known devices (Ipad/laptop)
- Basic word processing controls
- Device navigation and interaction

Key learning:

- Use a range of programs to produce work (2simpe / word / Doodle Buddy)
- Can save, open, edit and print work produced
- Within a word processing program be able to create a sentence, navigate basic editing options and delete (return) to remove errors.
- Use a simple picture recording device to take a picture.
- Search and navigate simple web pages chosen by the teacher.