## Rolvenden Primary School – Computing Knowledge Organiser - Holly



```
when I receive Alarm

if distance to Alarm Clock

repeat 5

stop all sounds

turn 15 degrees

go to Sleep

wait 600 secs
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Creating a game using algorithms and programming.



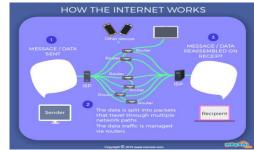
Design a project using 3d shapes.



Design and make a website.



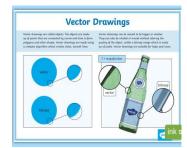
SMART — how to protect themselves online and how their actions affect others.





What is fake news and how to know if something is reliable.

Vector drawings can be moved or resized without affecting the quality.



## Vocabulary

| hardware  The computers physical parts  software  The programs or instructions that tell the hardware what to do  abstraction  A problem solving tool that helps you to simplify a situation by removing unimportant information  A set of instructions that a computer follows in order to perform a task.  network  Connects two or more computers and communication devices, for sharing purposes.  operating system  The system software responsible for the control and management of hardware and basic system |             |   |
|--|-------------|---|
| software  The programs or instructions that tell the hardware what to do  A problem solving tool that helps you to simplify a situation by removing unimportant information  A set of instructions that a computer follows in order to perform a task.  Network  Connects two or more computers and communication devices, for sharing purposes.  Operating system  The system software responsible for the control and management of hardware and basic system  | hardware    | The computers physical                  |
| instructions that tell the hardware what to do  abstraction A problem solving tool that helps you to simplify a situation by removing unimportant information  A set of instructions that a computer follows in order to perform a task.  network Connects two or more computers and communication devices, for sharing purposes.  operating The system software responsible for the control and management of hardware and basic system   |             | parts                                   |
| hardware what to do  abstraction A problem solving tool that helps you to simplify a situation by removing unimportant information  A set of instructions that a computer follows in order to perform a task.  network Connects two or more computers and communication devices, for sharing purposes.  operating System The system software responsible for the control and management of hardware and basic system   | software    | The programs or                         |
| abstraction A problem solving tool that helps you to simplify a situation by removing unimportant information  A set of instructions that a computer follows in order to perform a task.  network Connects two or more computers and communication devices, for sharing purposes.  operating The system software responsible for the control and management of hardware and basic system   |             | instructions that tell the              |
| helps you to simplify a situation by removing unimportant information  A set of instructions that a computer follows in order to perform a task.  network  Connects two or more computers and communication devices, for sharing purposes.  operating system  The system software responsible for the control and management of hardware and basic system  |             | hardware what to do                     |
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| A set of instructions that a computer follows in order to perform a task.  network  Connects two or more computers and communication devices, for sharing purposes.  operating system  The system software responsible for the control and management of hardware and basic system   |             | situation by removing                   |
| program computer follows in order to perform a task.  network Connects two or more computers and communication devices, for sharing purposes.  operating The system software responsible for the control and management of hardware and basic system   |             | unimportant information                 |
| to perform a task.  network  Connects two or more computers and communication devices, for sharing purposes.  operating system  The system software responsible for the control and management of hardware and basic system  |             |   |
| network Connects two or more computers and communication devices, for sharing purposes.  Operating system The system software responsible for the control and management of hardware and basic system  | program     | computer follows in order               |
| computers and communication devices, for sharing purposes.  operating The system software responsible for the control and management of hardware and basic system  |             | to perform a task.                      |
| communication devices, for sharing purposes.  operating The system software responsible for the control and management of hardware and basic system  | network     | Connects two or more                    |
| sharing purposes.  operating The system software responsible for the control and management of hardware and basic system   |             | computers and                           |
| operating The system software system responsible for the control and management of hardware and basic system   |             | communication devices, for              |
| system responsible for the control and management of hardware and basic system   |             | sharing purposes.                       |
| and management of hardware and basic system  | operating   | 1                                       |
| hardware and basic system  | system      |   |
|  |             | , |
|  |             | hardware and basic system               |
| operations   |             | operations                              |

