

YEAR 5 – AUTUMN 1 – COMPUTING Knowledge Organiser

Vocabulary

Algorithm	A set of instructions given to complete a task
Command	One instruction which forms part of a sequence
Orientation	Which direction the sprite is pointing in - given in degrees in Scratch
Reliable	A person or thing that you trust
Decomposition	Breaking a larger problem into smaller, easier chunks
Variable	Something, often a value, that can be changed



Scratch

Your year group account details are:

Username: Yr5KPS **Password:** Tr@ck34

What does a command look like?

A simple sequence of commands used in Scratch.

When the flag is clicked, the sprite will move 10 steps, turn right 15 degrees and left 30 degrees.

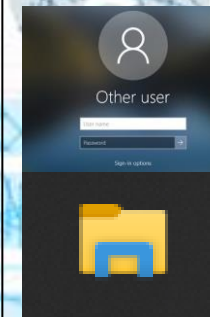


Logging on/saving/opening

Make sure you understand how to use all of these icons:



Save



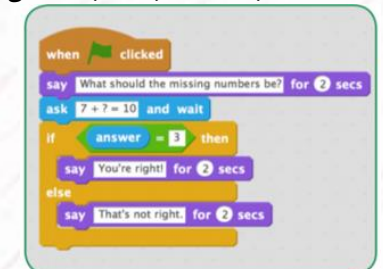
Login Screen



File explorer

If.....Then Statements

These statements allow you to change what happens, depending on the choice the user makes.



In the example above, this quiz tells the user whether the answer is correct or not.

Scratch Tutorials: <https://scratch.mit.edu/projects/editor/?tutorial=all>