

Key Learning

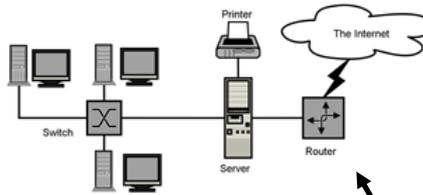
Planning

A **Network** is a group or system of interconnected people or things

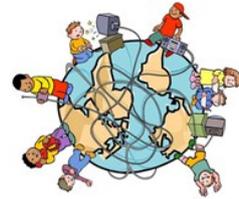
Networks

The **Internet** is a network, or system, that connects millions of computers worldwide.

I am designing my program to.....
It will have Characters
It will repeat

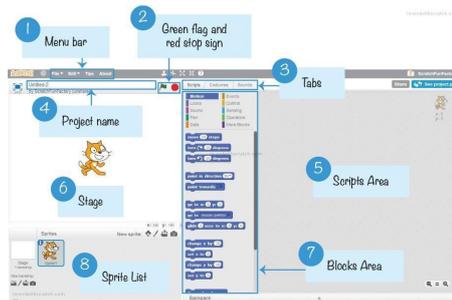


A **school computer network** is a system of interconnected things.



The **Worldwide web** is a collection of webpages found on this network of computers.

Careful planning is needed to make sure that the **program** is completed using the correct **algorithm**. The end product should **repeat** at least one action.



create

The categories can be connected together as an **algorithm** so that the program runs automatically.

- Motion
- Looks
- Sound
- Events
- Control
- Sensing
- Operators
- Variables
- My Blocks

The option bar can be used to select specific blocks to form your program and design your sprite/s.

Use these blocks to form your own **algorithm**. The categories can be linked together to form a complete **program**.



Movement blocks can be added to your **algorithm** to allow your Sprite to move or turn. You can change the direction or number of steps by typing the number you would like in the box.

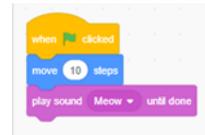
Start blocks can be used to begin your **algorithm**.



Stop blocks can be added to your **algorithms**. Parts of the algorithm can be stopped or the whole program can be stopped.



The number of times you would like the **program** to be **repeated** can be changed here.



Algorithms can also be **repeated** using the repeat block. This allows the **program** to run as many times as you would like.



Key Vocabulary

Sequence/ Program	A set of instructions put in order to make a computer do something.
Computer network	A computer network is a number of computers linked together to allow them to "talk" to each other and share resources. Networked computers can share hardware, software and data.
Internet	The internet is millions of computers connected by thousands of networks
Worldwide web	The world wide web is billions of pages that can be accessed through the internet
Input	Putting information or instructions into a computer.
Network	A group or system of interconnected people or things