

Computing Knowledge Organiser Year 2: We are Investigators

Concept- **Computer Networks**

Examples of IT at home, school and our community:

Key Vocabulary	Definition
Information Technology (IT)	The study and use of computers and objects containing computers/working with computers.
Barcodes	A code made up of bars, that can be read by a laser to get information.



Computing Knowledge Organiser Year 2: We are Astronauts

Concept- **Programming**

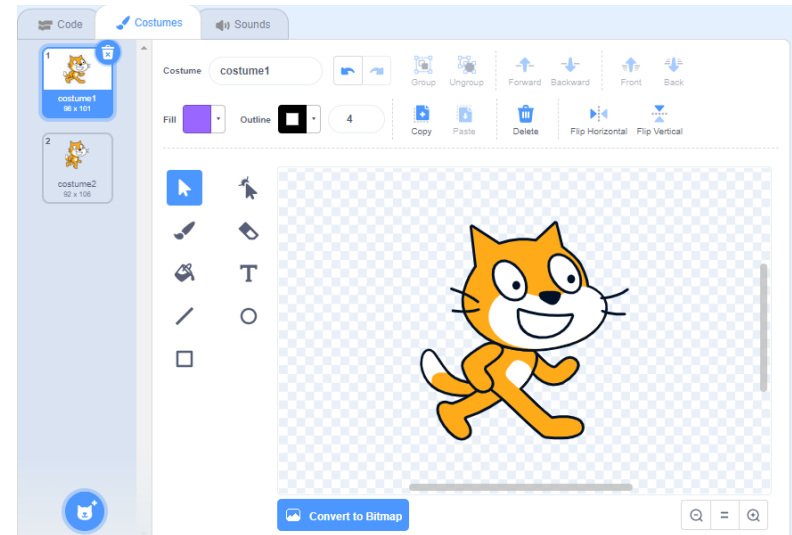
Key Vocabulary	Definition
Scratch	is a free programming language and online community where you can create your own interactive stories, games, and animations.
Programming	writing a group of instructions for a computer to process/execute
Sprite	an animated image that plays a specific role



Starting block



Change background



Change costumes

Computing Knowledge Organiser Year 2: We are Photographers

Concept- **Communication**

Key Vocabulary	Definition
Photography	The art of practicing or taking photos
Device	A piece of portable electronic equipment
Subject	The what in the photograph
Focus	The sharpest area of the image



Upright = portrait



Sideways = landscape

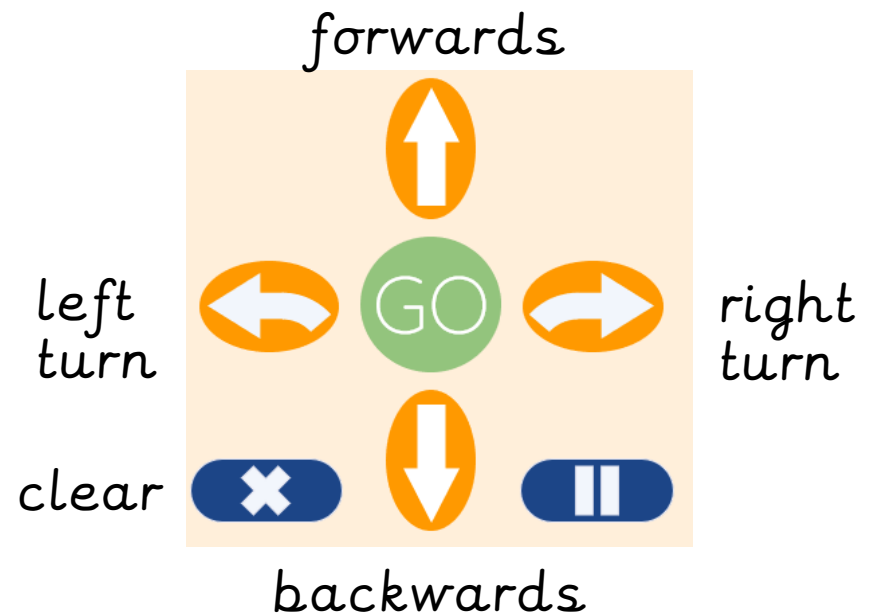


Real or fake?

Computing Knowledge Organiser Year 2: We are Navigators

Concept- Programming

Key Vocabulary	Definition
Robot	Robots are usually machines controlled by a computer program.
program	A list of instructions that tell a computer what to do.
command	To give an order.
design	A plan or drawing produced to show the look and function or workings of something
Route	The way taken in getting from a starting point to a destination.
algorithm	An algorithm is a precise set of ordered instructions, which can be turned into code.



Computing Knowledge Organiser Year 2: We are Zoologists

Concept- Communication

Key Vocabulary	Definition
Data	Information collected for a reason (numbers, letters, words ect).
Pictogram	A way to show data, using pictures.
Attribute	Can be used to describe an object (colour, size, price ect).

Minibeast tally chart		
Introduction Use the tally chart to record how many minibeasts you can find.		
Minibeast	Tally	Total
		5
		1
		2
		0
		1

Data in a tally chart



Data in a pictogram

Computing Knowledge Organiser Year 2: We are Quiz Hosts

Concept- **Programming**

Key Vocabulary	Definition
Programming	Writing specific instructions for a computer to process/execute.
Code	The instructions a computer can run.
Code snippet	A section of a program that is looked at separately.



Tap cat



Say "Hi"