11.1. Progression in Vocabulary

The teaching and use of appropriate vocabulary forms an important part of teaching learning. These age specific 'key word' lists identify the vocabulary that we expect teachers to be using. In addition, specific key words (must words) will be selected from these lists for each unit of work for inclusion in the knowledge organisers.

These lists will continue to be updated and refined on an annual basis.

11.2

	Vocabulary	Definition
EYFS Nursery	safe	To be protected from risk or danger
	pull	A force on an object to cause movement
	button	A small device on a piece of electrical or electronic equipment which is pressed to operate it
	headphones	A pair of earphones joined by a band placed over the head, for listening to audio signals such as music or speech
	computer	A computer is a device for working with information. The information can be numbers, words, pictures, movies, or sounds
	click	A short, sharp sound as of a switch being operated – using a mouse to select using the push
	mouse	A hand held device which helps you to control and select a computer
	turn	To move in a circular direction wholly or partly round an axis or point
	scroll	Move the screen with finger
	tablet	A small portable computer

11.3

EYFS Reception	Vocabulary	Definition
	speaker	Produce sound out of a computer
	type	Writing on a computer
	technology	Machines and equipment which use scientific knowledge
	choices	Choosing between two or more possibilities
	internet	A global network providing information and communication - YouTube
	safety	Protecting yourself from risk or danger
	scroll	To move a screen up and down
	keyboard	A computer keyboard is an input device that allows a person to enter letters, numbers, and other symbols

11.4

Key Stage 1	Vocabulary	Definition
	website	A set of related web pages
	rules	A guide for conduct or action
	online	Connected to a computer network
	email	A written message sent from one computer to another
	private information	Knowledge or facts that should not be shared
	robots	A machine that can perform some of the same tasks as a human being
	patterns	An arrangement of shapes, lines, letters, numbers, or colours that can be repeated or used again and again
	programme	A sequence of instructions that allows a computer to perform a task or a set of operations
	algorithm	A detailed step-by-step instruction set or formula for solving a problem or completing a task
	space bar	A long horizontal key on the lower edge of a keyboard
	digital	Storing, using, or sending information electronically in the form of numbers.
	purpose	A reason or plan that guides an action; design or goal
	online tools	Programs, websites or online resources that can make tasks easier to complete
	shut down	Turn off a computer
	communicate	To exchange thoughts, ideas, or information
	photographs	A picture made by using a camera that records an image on a surface that is sensitive to light.
	video	A picture part of television
	sound	Anything that people or animals can hear with their ears
	multimedia	The combination of sound, still pictures, and video
	data	Facts, figures, or other pieces of information that can be used to learn about something.
	pictogram	A chart or graph which uses pictures to represent data
	digitally	Storing, using, or sending information electronically

11.5

Key Stage 1	Vocabulary	Definition
	appropriate/ inappropriate	Right for the purpose; proper. Not right or proper for the time or place;
	cyber-bullying	Use of online technology to hurt others
	sites	Short for website
	digital footprint	A trail of data you create while using the Internet
	keyword searching	In terms of search engines, a keyword is any search term entered on Google
	word process	Production of type written documents
	right-angle turn	A right angle is exactly 90°
	coding	Instructions a computer needs in order to function
	sequence	An ordered list
	debug	An important part of programming is testing your program and 'debugging' (which means removing the bugs/problems)
	frames	Rectangular areas meant for inserting graphics and text
	select tool	A cursor
	drawing tool	Changeable tools to use on the computer to allow digital drawing
	Search tool	Programs, websites or online resources that can make tasks easier to complete. For example, Google
	stop motion	Stop motion animation is a filming technique in which objects (such as clay models) are photographed in a series of slightly different positions so that
	templates	A pattern used as a guide for cutting or drawing
	animation	A way of making a movie from many still images
	documents	A file made by a computer containing information in the form of text or media.
	present	Demonstrate and display work/ideas
	enter/return	A key on a keyboard which submits information or leaves a line
	caps lock	A computer key that causes all letters typed to be in uppercase until disabled
	backspace	To delete whilst typing or move backwards
	hyperlinks	Text or an image on any web page that, when clicked on, causes another web page or another point on the same page to be displayed on the

11.6

Lower Key Stage 2

Vocabulary	Definition
E-safety rules	Being safe on the internet. Some people also include the safe use of technology in this as well
log on	Establish communication and initiate interaction with a computer or system
personal information	Any factual or subjective information, whether recorded **or** not, about an identifiable individual
private	Personal and not to be shared
attach	To join, fasten, or connect. You can attach a document to an email as a way of sharing
open	To begin to use a document or software
save	The process of storing data **to** a flash drive, or hard drive
mechanical systems	A system with moving parts
coordinates	A group of numbers used to indicate the position of a point or line
variables	In programming, a variable is a placeholder for a value, a box that you can store information in
broadcast	Used in Scratch, a message that is sent through the Scratch program, activating receiving scripts
import	Bring a file from a different program into the one you're using
sequence debugging	The process of detecting and the removing of existing and potential errors within instructions
test + improve	A trial to find out what something is, what it is made up of, or how good it is – then use the findings to change it for the better
sequence programming	A sequence is an ordered list containing successive steps or functions for performing certain actions. It can be used in programming or as a simple
alignment	Arranging, adjusting into a straight line, logical system or coordinated system.
copy	Making a duplicate of a file, image or words
paste	Insert data from the clipboard into an application
collaborate	To work with someone else or another piece of software
questioning	A sentence that asks for a reply
database	A large collection of information in a computer. In a database, information is arranged so that it can be quickly changed or searched through.
recording data	Writing and saving information from an activity or piece of software
data logger	An electronic device that records data over time

11.7

Lower Key stage 2	Vocabulary	Definition
	search engine	A computer program that searches documents, especially on the World Wide Web, for a specified word or words and provides a list of documents
	reporting	To notify the administrator of a website or application about a problem
	secure	Techniques for ensuring that data stored in a computer cannot be read or compromised by any individuals without authorisation
	copyright	A copyright is a protection for any published work that helps to prevent that work from being used without prior authorisation
	validate	To prove acceptable
	digital content	Any content that exists in the form of digital data. Also known as digital media
	Scratch	A computer program. Allows children to create games on the PC via a simple visual programming language
	logical reasoning	A system of forming conclusions based on a set of premises or information
	command	A directive/instruction to a computer program acting as an
	3D game	Interactive computer entertainment that is graphically presented in the three dimensions of
	debug algorithms	The process of detecting and the removing of existing and potential errors within instructions
	lasso tool	A freehand selection
	download	Transferring data from one location to another
	upload	To upload a file is to send it to another computer that is set up to receive it
	resize	Alter the size of (something, especially a computer window or image)
	enhance	Increase the value, attractiveness, or quality of
	layering	The organisation of programming into separate functional components that interact in some sequential and hierarchical way
	decomposing	Breaking a complex problem or system into parts that are easier to conceive/understand
	input	To provide or give something to the computer
	output	The data or information produced by operation of a computer program or subroutine for transfer to another program or to an external device
	Critically evaluate	Thinking analytically about something
	URL	The address of a web page

11.8

Upper Key Stage 2	Vocabulary	Definition
	input device	An input device is a piece of computer hardware equipment used to provide data and control signals
	output device	Is any piece of computer hardware equipment which converts information into humanreadable form
	digital device	A piece of physical equipment that uses digital data.
	software	Any set of instructions that tells the hardware what to do
	hardware	Any part of your computer that has a physical structure
	profile	The information a user shares on social media presenting some personal details to other users
	motherboard	The motherboard is your computer's main circuit board
	hard drive	The hard drive is what stores all your data.
	RAM	Random Access Memory. It's the computer's short term memory
	ROM	Read Only Memory. It is memory containing hardwired instructions that the computer uses when it boots up.
	CPU	The microprocessor, (also called the Central Processing Unit), is the brain of the computer.
	GPU	Graphics Processing Unit used for computing graphics
	operating system	Software that communicates with the hardware and allows other programs to run.
	design	A plan or drawing produced to show the look and function or workings of a building, garment, or other object before it is made
	navigate	The act of opening and moving through computer menus
	3D model	The process of developing a mathematical representation of any three-dimensional surface of an object
	responsibility	The condition or fact of being responsible – to have a duty
	editing tools	The ability to change text by adding, deleting and rearranging letters, words, sentences and paragraphs
	refinement	Improving

11.9

Upper Key Stage 2	Vocabulary	Definition
	acronyms	An abbreviation of a sentence using the first letter of each word. Online users may use acronyms as a quick way to convey thoughts, actions or sentiments e.g. LOL
	AR (augmented reality)	A technology which superimposes a computer-generated image over a user's real view of the world, thus providing a composite view
	connectivity	The capacity for 'connected' devices to share data about individuals or groups on-line. Individuals may or may not be aware that this is data is being collected and
	generate	To produce
	variable	In programming, a variable is a placeholder for a value, a box that you can store information in.
	operators	Object that is capable of manipulating a value
	list	A list in Scratch (called an array in other programming languages) is a tool that can be used to store multiple pieces of information at once.
	arithmetic operators	A mathematical function that takes two quantities and performs a calculation on them
	loops	A loop describes the process of a software program or script repeats the same instructions or processes the same information over and over until receiving the
	manipulating	To handle or operate skilfully
	digital art	Artistic work or practice that uses digital technology
	editing	To correct, cut, add to, or change with the goal of producing a finished product
	digital music	The sound has been recorded and then changed into code that computers can read, understand and recreate.
	MP3	Process of taking two or more groups of data and combining them into a single unified set
	WAV	An audio file format
	MIDI	Musical Instrument Digital Interface
	data structure	A data structure is a data organisation, management, and storage format that enables efficient access and modification
	conditional	A simple form of a computer decision is called a conditional.
	multitask	Many things at once.
	Concurrently	Work at the same time.
	process	The instance of a computer program that is being executed by one or many threads
	interpret	A computer program that directly executes instructions written in a programming or scripting language