Purpose of study

A high-quality computing education equips pughts to see computational thicking and creative in understanding the world. Computing this deep links with innerments, science, and design and incredible ground the study of the

-are responsible, completer, conflicter and creative users of information and communication technology ISJ NC ISJ NC R Y1 Y2 KS2 NC Y3 Y4 Y5 Y6									
		K	¥1	YZ	KSZ NC	Y3	Y4	YS	Yb
Use a computer	Pupils should be taught to: - understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions - create and debug simple	Com receptise and identify familiar letters and numbers on a lepboard. develop basic mouse skills such as moving and clicking.	I can i.e. big nand out using a whole class login of a class login of a polyclass using a touchpad I have I can be supported to the keyboard I where keys are located on the keyboard	I can "make text a different style, size and colour. - use "copy and paste" to insert images from another place I know I know - that "topy and paste" is a quick way of duplicating text.	Pupils should be taught to: -design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts -use sequence, selection, and repetition in programs; work with variables and various forms of input and output	I can i- big in and out using a personal login i-big in and out of an email account, versit an email i-louding a subject, "to' and "from", versit is an email. Leading a subject, "to' and "from", versit is an email. I be purpose of emails. - about or bershafwing about or bershafwing who may be a subject of emails. - about or bershafwing who may be a subject of emails about or bershafwing who may be a subject of emails about or bershafwing recognising when an email might be false and what to do about it	I show I though the control of the	I know Thow search engines work. "that appear an create a website and therefore we should take steps to check the welding twelstest." "that web create the computer programs that cread through the interest computer programs that cread through the interest." "what copyright is."	I know The importance of having a secure password -about some of the historical figures that contributed to technological solutions on companies and the security of the contributed to technological solutions in companies and -about techniques are required to create a presentation -about techniques are required to create a presentation -about techniques are required to companies and how they have evolved over time. -aus search engines safely and effectively.
Programming		I can use forward, buckward, right and left commands to control a use of the property of the	Can	I show only a writing it is good in impage to that the four correlations which to the correlations which to the short correlations which to the short correlations are also as a supplier of short to the control of the controlled by the programming block. In the case write a program to perform a chosen function.	- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and and programs Sunder and computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration - use search technologies effectively, appreciate how results are selected and	N/A	I show I would be be the property of the prop	N/A	Lam Longitude of the property
Online safety	- use technology safely and respectfully, keeping personal information private; identify where to go for help and	N/A	I Now — that the intermet is many devices connected to one another, — what to do if you feel unsafe or worried online— tell a trusted — what to do if you feel unsafe or worried online— tell a trusted — the confidence of the intermed confidence of the intermed confidence of the intermed confidence of the intermed to the intermed to the start start and one not always who they tay they are. — the to start and one it is important to be pay personal information safe. — the that starting do not it is important to be pay personal information safe. — the that starting do not intermed and 'posting' donline means placing information and the intermed and 'posting' donline means placing information in the intermed and 'posting' donline means placing information in the intermed and 'posting' donline means placing information in the intermed and 'posting' donline means placing information in the intermed and 'posting' donline means placing information in the intermed and 'posting' donline means placing information in the intermed and 'posting' donline means placing information in the intermed and 'posting' donline means placing information in the intermed and 'posting' donline means placing information in the intermed and 'posting' donline means placing information in the intermed and 'posting' donline means in the intermed and	I know the difference between online and offline. what information is should not post online. what is ofference between online and offline. what is ofference in for creating a strong passwood. what the techniques of the or stating a strong passwood what the charge is not or created online is or what not everything is see or read online is true.	ranked, and be discerning in evaluating digital content - select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and	- identify reliable information when searching online.	Homow why some results come before others when searching, what self-ormation found by searching the internet is not all grounded instance. **The common found by searching the internet is not all grounded instance. **The common found is searched. **The common fo	Lan - Liestifying possible dangers online and learning how to stay safe, - evaluating the priors and cons of orline communication. - requirement of the prior and cons of orline communication. - recogning that the fundaments on the internat ringle robe to true or recogning that the relation to the internat ringle robe to true or recogning that the relation to the recogning or the recogning of the recogning or the recogning of the recogning or the recogning of the recogning of the recogning or	I how the state of
Data Handling		I know - how to sort objects and put them into groups - how to show my groups using a pictogram	Name - that a computer can represent my data in a way which is easy to understand - that data can be shown in different ways - tea - answer questions about my data	N/A	information - use technology safely, respectfully and responsibly; recogniseacceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact	I hance - that a database is a collection of data stored in a logical, structured and orderly manner. - that computer databases can be useful for sorting and filtering data. - that different visual representations of data can be made on a computer.	N/A	N/A	N/A
Wider use of Technology		N/A	N/A	N/A			Innow - this software can be used collaboratively online to work as a team. - what type of comments and suggestions on a collaborative document can be helpful. - that you can use images, text, transitions and animation in presentation slides.	I know — has decomposition of an idea is important when creating stop- motion animations. — in that stop motion animation is an animation filmed one frame at a time using models, and with timy changes between each photograph. — — that editing is an important feature of making and improving a stop motion animation.	