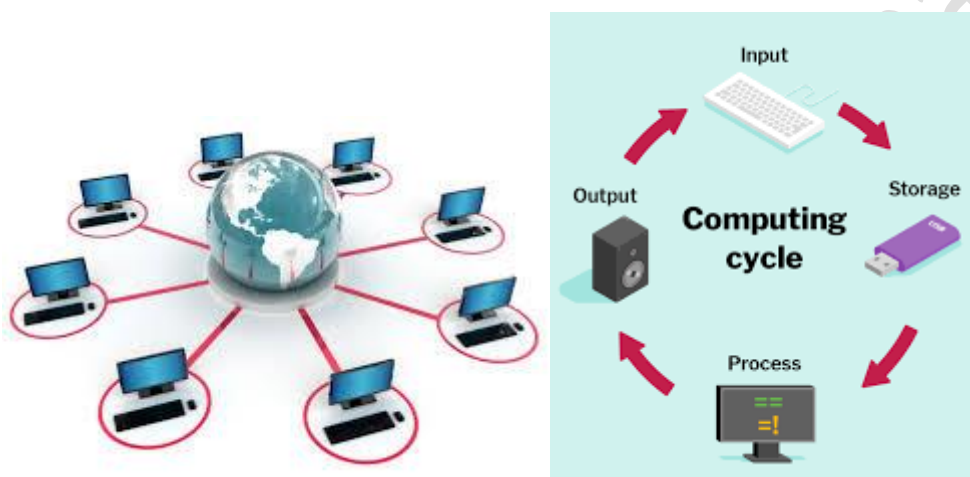


Selby Community Primary School Subject Knowledge bank

Computing		Year 5	
Focus: Computer systems & Networks			
Age-related vocabulary			
systems	a set of things working together as parts of a mechanism or an interconnecting network; a complex whole.	communication	Sharing or exchanging information through a medium e.g. speaking, writing, gesturing
devices	a thing made or adapted for a particular purpose, especially a piece of mechanical or electronic equipment	public	Something which is visible/accessible by everyone
server	Hardware or software which provides services/functions to other computers	private	Something which is visible/accessible by the owner
program	a series of coded software instructions to control the operation of a computer or other machine	Inputs/outputs	the information put into a computer/ received from a computer
process	a series of actions or steps taken in order to achieve a particular end	network	Computing devices which are connected for the purposes of sharing information/data



Key Knowledge

- 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
- Understand 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
- 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 information
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content.
- I can assess and justify when it is acceptable to use the work of others
- I can give examples of content that is permitted to be reused

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