



## Year 10 Computer Science Learning Programme 5

The LORIC skill focus for his LP is: COMMUNICATION.		
		Literacy:
The Moral Virtues focus for this LP are: COURAGE and HUMILITY.		Capital letters must be used at the star
Courage - Acting with bravery and overcoming fears.		of sentences and for the first letter of proper nouns
Humility - Having a modest view of oneself.		Full stops must be used at the end of a
What will I be learning about in this Learning Programme?		sentence
Understanding the structure of networks and how they operate can help use them effectively.		Question marks must be used at the
		<ul><li>end of a question</li><li>Apostrophes should only be used for</li></ul>
		possession or omission
Where have I seen this learning before?		Days of the week and months must be
Basic understanding of networks and systems architecture		spelled correctly
		Key words must be spelled correctly
What could I use it for?		
Revision for Year 11 exam - Paper 1 (Computer Systems)		
In LP5.1, I will know: 13/05/24 - (WK 1)	Key Vocabulary	Homework
the key benefits and risks of connecting computers in a network;	ney rosabata.y	Identify the characteristics and functions
the structure of the four types of network that are covered.		of a LAN and a WAN from your research
	Network	
In LP5.2, I will know: 20/05/24 - (WK 2)	Key Vocabulary	Homework
the components required to create a LAN;	, , , , , , , , , , , , , , , , , , , ,	Create a leaflet for a business to explain
the role of each component in a LAN;		how they can get the best out of your
meant by the performance of a network and why this is important and factors can affect the performance of a network.	Components	network. Explain the factors that can
		affect the performance of a network and how these can possibly be overcome.
In LP5.3, I will know: 03/06/24 - (WK 1)	Key Vocabulary	Homework
what is meant by a client-server network;	, , , , , , , , , , , , , , , , , , , ,	Using the worksheet provided, place the
what is meant by a peer-to-peer network;		correct statements in the correct
my strengths and areas for development for my learning so far.	Peer-to-peer	network structure.
Futandad Task		
Extended Task.  In LP5.4, I will know: 10/06/24 - (WK 2)	Key Vocabulary	Homework
the internet is a worldwide collection of computers;	key vocabulary	Create one definition for each of the
the role of DNS as part of the internet;		terms DNS, hosting, the cloud and the
what is meant by hosting and the cloud and how web servers and clients work together.	Hosting	Internet.
In LP5.5, I will know: 17/06/24 - (WK 1)	Key Vocabulary	Homework
the diagram of a Mesh and Star Network;	key vocabulary	Complete the encryption games to
the diagram of a Mesh and Star Network; the difference between a full mesh and a partial mesh;	Rey Vocabulary	Complete the encryption games to experience and learn more about the
	Mesh	
the difference between a full mesh and a partial mesh;		experience and learn more about the
the difference between a full mesh and a partial mesh; the advantages and disadvantages of both.	Mesh	experience and learn more about the process and how it works.
the difference between a full mesh and a partial mesh; the advantages and disadvantages of both.  In LP5.6, I will know:  24/06/24 - (WK 2)		experience and learn more about the process and how it works.  Homework
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