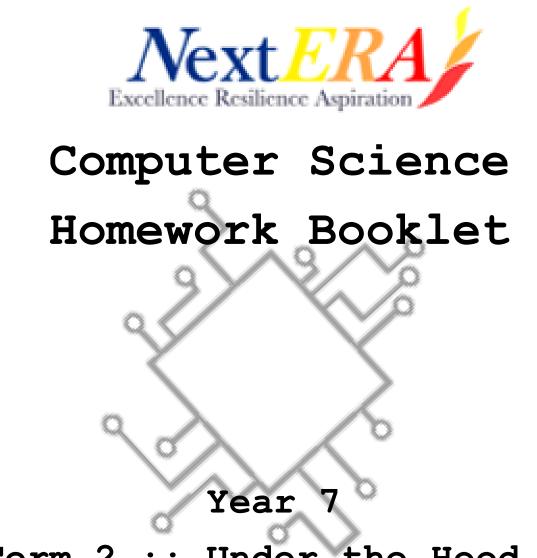
Name :



Term 2 :: Under the Hood & John von Neumann

Homework 1 : Flipped Learning	Due Date:	Completed?
Homework 2 : Dear Jonny	Due Date:	Completed?
Homework 3 : John von Neumann	Due Date:	Completed?
Homework 4 : Revision Questions	Due Date:	Completed?

Homework 1 – Flipped Learning

Use your Knowledge Organiser to complete this homework task

Create a revision mind map of the different things you will be learning about in this project ...

- The motherboard
- The CPU
- Motherboard connections
- Computer memory
- Secondary storage

Homework 2 – Dear Jonny

Use the web link <u>http://itslearning365.com/portalv3/mod/page/view.php?id=35</u> and complete the Dear Jonny task

Homework 3 – John von Neumann

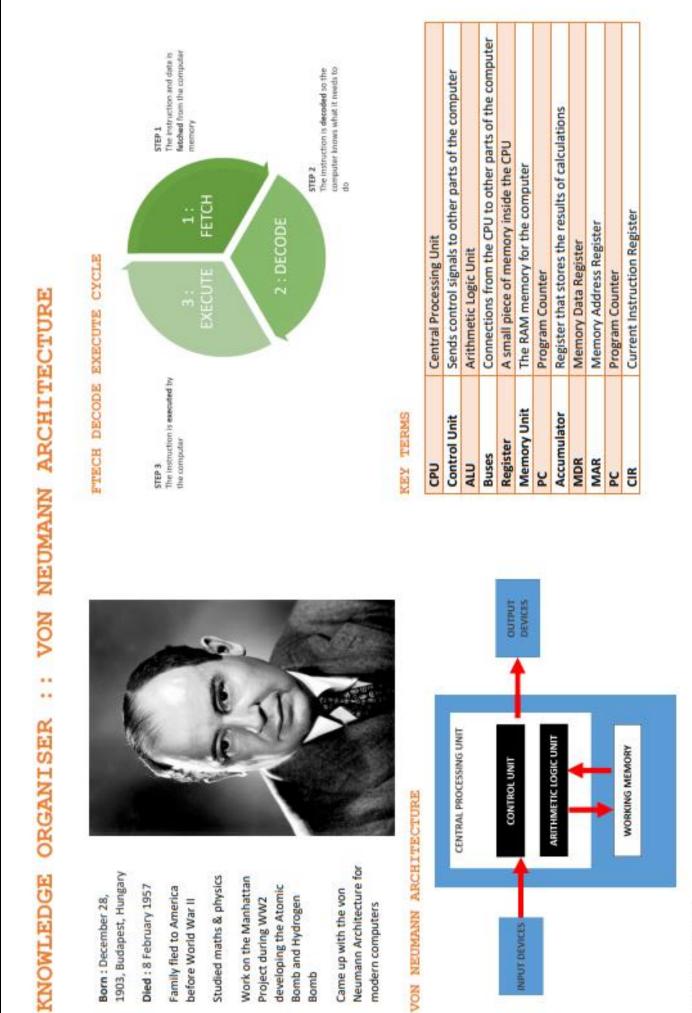
Use the web link <u>http://itslearning365.com/portalv3/mod/hvp/view.php?id=3861</u> and complete the missing information about John von Neumann

Homework 3 – Revision Questions

Answer these revision questions ...

- 1 Who invented the architecture (design) for all modern computers?
- 2 What is the von Neumann Architecture also known as?
- 3 Draw and label a diagram to show the von Neumann Architecture
- 4 What does CU stand for?
- 5 What does ALU stand for?
- 6 What are the four main parts of the von Neumann Architecture?
- 7 Given an example of an input device
- 8 What name is used for the memory in the von Neumann architecture?
- 9 Give an example of an output device
- 10 Name two registers and explain what they do

1, ROM,	ng computare - which we are doing math, sorting erstand something. USB IAN IAN Microphone	The first the detail of the de	tructions per second STORAGE STORAGE STORAGE STORAGE
In word meaning computare - which day, whether we are doing math, sorting / trying to understand something. / Trying to understand something. IDM MINA MINA MINA MINA MINA MINA MINA MIN	comes from the Latin word meaning computare - which hing we all do every day, whether we are doing math, sorting tething, or generally trying to understand something. CONTRACT CONTRACO	CEDU The CPU has to be a short or a manual table to be a short or a ma	1 Ghz = 1 Billion inst MEMORY AND
In word meaning con r day, whether we arr r trying to understan	comes from the Latin word meaning con hing we all do every day, whether we ar rething, or generally trying to understan RBOARD And And And DDI DDI DDI DDI DDI DDI DDI D	Iputare - which e doing math, sorting d something.	USB LAN Decode – Execute, RAM, R
	comes from the Lat hing we all do every rething, or generally and the second and the second and the second and the second and	in word meaning con / day, whether we ar / trying to understan	HDMT



www.itslearning365.co.uk