

ICT Department Year 7 Homework overview

Introduction: The ICT department uses homework not only to track student progress but also as a tool to ensure that we are teaching effectively. These are developmental in that they progress with the lessons. Thus the first quiz in the spreadsheets range of lessons will be very basic; the last quiz in that range will incorporate all of the prior learning. Homework is set every week as an online quiz with a minimum of 5 questions and a maximum of 15. Results are given automatically after the quiz and students should record these in their planners. We do track who does the homework; students must log into the quiz using their school user name. The password is year7. If a student does not have access to the internet then the computer rooms PC1 and PC2 are open on Friday lunchtime for Year 7 students to complete their homework.

	Weeks	Lesson Content	Homework
Autumn Term	1	Introduction to the ICT network at Millthorpe. How to log on and basic rules of and introduction to the ICT department.	Passwords / ICT rules / basic ICT use.
	2-3	Initial baseline assessment of ICT skills from excel and powerpoint.	Basic presentation skills and excel skills. The homework will be kept very simple and specific to the lessons taught.
	4-6	Cross curricular project with the Modern Foreign Languages dept. ICT deliver a short DTP unit on how to create a simple leaflet / flyer type product.	Basic DTP skills / layouts / fonts / images. Basic use of internet for resources / information.
	7-8	E-safety: staying safe whilst using the internet and other technologies. What to do and where to go if you have concerns.	Questions and simple scenarios on staying safe using the internet and other technologies. Were and what can students do to stay safe and where should they go for advice / help.
	9-14	Introduction to spreadsheets and modelling: Using Microsoft Excel to create and develop spreadsheets and how to use these for modelling scenarios.	Simple spreadsheets ranging from entering and formatting data through to creating / using very simple predictive models. The homework will be very simple for the first couple of lessons. They will develop over the lessons.
Easter Term	15-21	Using the internet to research (Boolean techniques etc) and creating a magazine (DTP) from reliable and accurate information	The homework quizzes will start from basic use of the internet / searching the internet through to the validation of this information. Furthermore they will incorporate the use of this information into a magazine article using either MS publisher or Serif Page Plus.
	22-26	Data Handling: including design of a questionnaire and simple editing / manipulation of a database. Sorting / filtering of the data and drawing conclusions.	Questionnaire design and validation including question types. Leading onto the design and manipulation of very simple databases using MS Access.
Summer Term	27-33	Control: using control software to create, design and make games work / do what the creator wants them to.	This is the module where we use some open source software called Scratch will can be downloaded form the internet for free. It helps students to understand that they can use ICT to control things. The concepts will be kept very basic.
	34-35	ICT in the wider world: what is ICT used for / methods of communication.	Basic quizzes regarding the uses of ICT in the work place, school etc. Also methods and uses of communication
	36-39	Mini project; involving some spreadsheets, DTP, research, presentations and data handling.	These last three homework's (non set on the final week) will incorporate some of all of the prior learning throughout the year! Students will be expected to work reasonably independently on this project

If for any reason the above timeline changes then we will publish these changes on our departmental page on the Millthorpe school website (millthorpeschool.co.uk). Further details of the curriculum will be available on this page from September onwards.