haggerston school

Homework Guide: ICT KS3

Students are expected to be given and to complete 1 homework per fortnight for this subject

	Autumn one	Autumn two	Spring one	Spring two	Summer one	Summer two
Year 7	In MS Word, write an essay on each with images • What information is safe to present to the public about yourselves and why? • What aspects should we consider when presenting information about others and why? http://www.bbc.co.uk/bitesize/ks3/ict/data_and_information/presenting_information/quiz/q36074437/	In MS Word, write a report on each with images What is meant by • Order • Process • Sequence • Instructions With examples • What uses order? • What uses processes? • What uses sequences? • Why is it important to have these? http://www.bbc.co.uk/schools/gcsebitesize/ict/measurecontrol/2systemflowchartrev1.shtml	In MS Word research, explore and write a report about What is programming language? What are the uses of it? What is Scratch? What can you do with scratch programming? http://scratch.mit.edu/	In MS Excel or in your spreadsheet application carry out following tasks Write a list of daily foods that you eat Write a list of a weekly shopping budget and calculate how much is spend in 1 year for shopping (note: 52 weeks in a year) http://www.asda.com/ http://www.tesco.com/ http://www.sainsburys.co.uk/sol/index.jsp	In MS Word write an newspaper or magazine style article about: What is a database? Why are databases used? Where are databases used? Who uses databases? What are important factors of using database? http://www.bbc.co.uk/bitesize/ks3/ict/software_applications/databases/revision/2/	In MS Word write an article about • Dangers of social media? • How to stay safe on the internet? http://www.bbc.co.uk/bitesize/ks3/ict/history_impact_ict/esafety/revision/2/

Year 8	In MS Word write an newspaper or magazine style article about: • What is a blog? • What is a wiki? • Explore the benefits of having a blog? Spell and grammar check your work http://www.blogger.com http://www.branded3.com/resources/top-100-uk-blogs/	In MS Word write an newspaper or magazine style article about: How can companies benefit from selling Christmas items on-line? Do people prefer to buy on-line or go to the shop? Is everything we need available to buy on-line? If not state what is not and why? http://www.notonthehighstreet.com/ https://www.google.co.uk/	In MS Word write an article about Find a scratch programme and explain what each line of programming or instructions do? Explain what you could do further to enhance the game and why? ttp://scratch.mit.edu/	In MS Word write an article about • What is a script? • What is a story board? • What websites can you find free sounds from to download (not youtube converter!)? • Explain what is meant by royality free? http://www.royaltyfreemusic.com/ http://legal-dictionary.thefreedictionary.com/Royalty	In MS Word write an article about • Use a storyboard and design a short video clip about anti-bullying, the dangers and how to be safe? • Why are video clips in YouTube so popular? • Are there benefits to YouTube? • Can YouTube videos be used to make important decisions?	In MS Word write an article about • What is modelling? • Why are models created in industry? Which industries benefit from creating models and why? • Explain the process from start to end product on how models are created? http://www.bbc.co.uk/education/clips/z4x4d2p
Year 9	Write an essay including • Why businesses uses websites • The key features that should be in a website http://www.flashmint.com/wp/2008/11/10-key-features-for-a-perfect-website/	Choose 3 websites Print Screen and annotate each page identifying the strengths and weaknesses http://www.flashmint.com/wp/2008/11/10-key-features-for-a-perfect-website/	Create a table with all the different services provided online E.g. Communication (email), real time information (travel/sport news) Include examples and benefits of each service	Research the invention of the world wide web (how was this created) Include html, URLS http://en.wikipedia.org/wiki/World_Wide_Web	Create a user guide on word or power point to explain how to use Serif webplus programme https://www.serif.com/media/community/pdfs/webplusx5-usa.pdf	Write an essay • Describing all the different file types • Advantages and disadvantages of each • Conclude which file type is the most appropriate one to use http://www.dslreports.com/faq/12898