

Felpham Community College – Key Stage 3 S of W

Subject: ICT	Year: 7	Leader: A Connor
Autumn Term 1	Activities	Homework
Topic: E-safety project	<ul style="list-style-type: none"> - Discussion of the dangers of using the internet and the precautions that can be taken to reduce risk. - Students to develop the golden rules of internet safety and produce a poster that can be displayed in their form room. - Introduction as to how to behave on social networking sites. Students identifying good and bad practice. 	<ul style="list-style-type: none"> - To make a note of all the activities they do on the internet over a typical week. - Write a letter to a friend who has just bought a PC to inform them about internet safety. - Critically assess your own social network practice and note any changes that you need to make as well as where you have shown good practice.
Literacy- How to write a letter Numeracy - ICT- Use throughout		Assessment Plans Presentation

Autumn Term 2	Activities	Homework
Topic: Vending machine spreadsheet	<ul style="list-style-type: none"> - Basic spreadsheet design including formatting and basic formulas. - Using the skills to apply to a business context. - Being able to collect data designing collection sheets. - Calculations on the data including count if and max and min. - Creating hypothesis which they test. - Evaluation and planning. 	<ul style="list-style-type: none"> - Spreadsheet features. - Collecting class data. - See Moodle for full list.
Literacy - Students to write a formal report Numeracy - Spreadsheet formulas ICT- used throughout		Assessment Plans Report and completed spreadsheet

Spring Term 1	Activities	Homework
Topic: Felpham Doodle graphics project	<ul style="list-style-type: none"> - Students will be taught how to use: - Adobe Illustrator to use different types of brushes, manipulate shapes, use clipping masks, and create vector graphics by layering shapes. - Adobe Fireworks to use masks and attach text to different paths - Adobe Photoshop to crop and manipulate images. 	<ul style="list-style-type: none"> - Students will conduct research to create a Felpham Doodle. They will need to consider how this will represent a chosen theme and how they can use the skills that they have learnt throughout the unit. - Students will need to assess their use of the tools and how they could improve upon their use in the future
Literacy - Numeracy- ICT- used throughout		Assessment Plans Completed graphics

Spring Term 2	Activities	Homework
Topic: Database Detectives	<ul style="list-style-type: none"> - importing data into a database table from a spreadsheet. - creating queries to sort and filter data - creating reports from data. - Adding deleting and editing records. 	<p>Students will need to solve a crime by importing data from a spreadsheet and creating a query to input the clues. They will need to create a report to show the different suspects and explain how they reached the results that they have.</p>
		Assessment Plans Written report
Literacy - Numeracy- ICT- Used throughout		

Summer Term 1	Activities	Homework
Topic: Computer Programming in Scratch	<ul style="list-style-type: none"> - Students to plan and create a platform game using the programming blocks available in scratch - creating and using variables to control scoring, time, lives etc - evaluating the game to ensure that it is suitable for target audience. 	<p>The students will be required to submit a plan for their game, the completed game and an evaluation. Homework will consist of research into successful games for a given age range, collection of resources and gaining user feedback.</p>
		Assessment Plans Completed game
Literacy - Numeracy - Variables ICT- Used throughout		

Summer Term 2	Activities	Homework
Topic: Website design (Dreamweaver Zoo)	<p>Students will create web page templates using div tags Create a banner with web slices to create buttons in fireworks Create animated GiFs Import media into a webpage Hyperlink a number of pages together and create external links.</p>	<ul style="list-style-type: none"> - Students will be required to create a storyboard for their website. This will be submitted with the webpages they create and an evaluation. - Homework will consist of collecting resources for their site. Analysis of other similar websites to help with their design and gaining user feedback.
		Assessment Plans Completed website
Literacy - Creating content for the website Numeracy - ICT - Used throughout		

Website / Resources- See Moodle for more details

Extension