

Felpham Community College – Key Stage 3 S of W ICT

Subject: ICT	Year: 8	Leader: A Connor
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Autumn Term 1	Activities	Homework
Topic: E-safety - Social networks	Students to research the impact of social networks and create a factual report. Students will also plan and create a video about the dangers of social networks.	Assessment Plans Written report. Students will be assessed on their ability to conduct research, plan and create both their factual report and their information video.
Literacy - writing scripts Numeracy - ICT- Throughout		

Autumn Term 2	Activities	Homework
Topic: Cinema bookings – spreadsheet	Students will create a spreadsheet model for a cinema to use as a booking system and also to calculate their finances. They will use formatting and summarising features of a spreadsheet as well as formulas and functions.	The students will submit the spreadsheet they have created along with a report explaining how the spreadsheet works. Assessment Plans Report and completed spreadsheet.
Literacy - Formal report Numeracy - Formula and functions ICT - Throughout		

Spring Term 1	Activities	Homework
Topic: Flash animation	Students will learn about the first principles of programming in Python, including -syntax, Loops, Boolean variables, functions, lists and classes.	Students will use the skills that they have learnt to create a program annotating the code to demonstrate their understanding of what it does. Assessment Plans Completed animation.
Literacy - Need to be precise when using the programming language (American spellings) Numeracy - Creating a simple calculator ICT- used throughout		

Spring Term 2	Activities	Homework
Topic: Future technology project	Students will storyboard and create a short animation using motion tweens, shape tweens, frame by frame animation, importing sounds, using masks and key frame caddy	Homework will be set to complete storyboards, collect information and sounds for the animation and to gather end user feedback. Assessment Plans Written report. Students will be assessed on both their story boards and the final animation they produce.
Literacy - Writing scripts and story boards Numeracy - Calculating frame rates ICT - Used throughout		

Summer Term 1	Activities	Homework
Topic: Introducing to python programming	Students will undertake research in to what technology might look like	

	in the future and create a report the present back to the class.	Assessment Plans Completed program. Students will be assessed on the presentations that they produce.
Literacy - Creating a professional presentation Numeracy - Statistics included within presentations need to be explained. ICT- Used throughout		

Summer Term 2	Activities	Homework
Topic: Web design – adventure book	Students will use HTML in order to produce a website that summarises the different activities that they have completed over the course of the year in ICT and/or the options that they have chosen to study in year 10	Homework will be set to collect assets to use within their website and to evaluate existing websites.
		Assessment Plans Completed website. Students will be assessed on the website that they produce.
Literacy - Creating content for the website Numeracy - ICT - Used throughout		

Website / Resources- See Moodle for more details

Extension