

# Felpham Community College – Key Stage 3 S of W

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

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

<b>Spring Term 1</b>	<b>Activities</b>	<b>Homework</b>
Topic: Felpham Doodle graphics project	<ul style="list-style-type: none"> <li>- Students will be taught how to use:</li> <li>- Adobe Illustrator to use different types of brushes, manipulate shapes, use clipping masks, and create vector graphics by layering shapes.</li> <li>- Adobe Fireworks to use masks and attach text to different paths</li> <li>- Adobe Photoshop to crop and manipulate images.</li> </ul>	<ul style="list-style-type: none"> <li>- 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.</li> <li>- Students will need to assess their use of the tools and how they could improve upon their use in the future</li> </ul>
		<b>Assessment Plans Completed graphics</b>
Literacy - Numeracy- ICT- used throughout		

<b>Spring Term 2</b>	<b>Activities</b>	<b>Homework</b>
Topic: Database Detectives	<ul style="list-style-type: none"> <li>- importing data into a database table from a spreadsheet.</li> <li>- creating queries to sort and filter data</li> <li>- creating reports from data.</li> <li>- Adding deleting and editing records.</li> </ul>	<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>
		<b>Assessment Plans</b>
Written report		
Literacy - Numeracy- ICT- Used throughout		

<b>Summer Term 1</b>	<b>Activities</b>	<b>Homework</b>
Topic: Computer Programming in Scratch	<ul style="list-style-type: none"> <li>- Students to plan and create a platform game using the programming blocks available in scratch</li> <li>- creating and using variables to control scoring, time, lives etc</li> <li>- evaluating the game to ensure that it is suitable for target audience.</li> </ul>	<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>
		<b>Assessment Plans</b>
Completed game		
Literacy - Numeracy - Variables ICT- Used throughout		

<b>Summer Term 2</b>	<b>Activities</b>	<b>Homework</b>
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"> <li>- Students will be required to create a storyboard for their website. This will be submitted with the webpages they create and an evaluation.</li> <li>- Homework will consist of collecting resources for their site. Analysis of other similar websites to help with their design and gaining user feedback.</li> </ul>
		<b>Assessment Plans</b>
Completed website		
Literacy - Creating content for the website Numeracy - ICT - Used throughout		

**Website / Resources-** See Moodle for more details

**Extension**