

**Felpham Community College – Key Stage 3 S of W**

<b>Subject: Design and Technology</b>	<b>Year: 8</b>	<b>Leader: Laura Mepham</b>
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<b>Autumn Term 1 Food Technology</b>	<b>Activities</b>	<b>Homework/Assessment</b>
Topic: Bread making + pizza. Allergies Function of ingredients	Bread making. Pizza. Garden Focaccia	Researching bread products and designing focaccia presentation.  Students will be assessed on planning and evaluating, accuracy, detail, creativity and presentation.
Literacy / Numeracy / ICT    Keywords + evaluating. Sensory analysis. Measuring. Nutritional analysis.		

<b>Autumn Term 2 Food Technology</b>	<b>Activities</b>	<b>Homework/Assessment</b>
Topic: Fakeaway Pastry types and products nutritional analysis and costing	Making fresh shortcrust pastry and using ready made puff pastry for sausage rolls and cheese straws Fakeaway recipes: curry/nandos Calculating nutrients and costs of recipes	Making own sauce practical  Students will be assessed on planning and evaluating. Accuracy, detail, creativity and presentation.
Literacy / Numeracy / ICT    Keywords + evaluating. Sensory analysis. Measuring. Nutritional analysis		

<b>Spring Term 1 Textiles</b>	<b>Activities</b>	<b>Homework/Assessment</b>
Topic: marine panel. Students are to produce a marine inspired panel, incorporating a wide range of textile processes and techniques.	Students will make a panel developing their knowledge and skills while experimenting with a range of decorative techniques. Appliqué. Reverse appliqué. Couching. Hand embroidery. Fabric printing. Constructing their bag.	Recycled product project: students to research into recycled products and then design and make product using recyclable materials. Students assessed on their design and creative skills.
Literacy / Numeracy / ICT    Key terminology/measuring of materials/ internet for research.		

<b>Spring Term 2 Textiles</b>	<b>Activities</b>	<b>Homework/Assessment</b>
Topic: sweet treats bunting Students produce sweet treats bunting which includes a range of techniques and processes.	Students will produce a booklet of design work, specifications, product analysis, mood boards and design ideas. Students will complete a range of techniques and processes. Students will use calico, bias binding, ribbon and a range of fabrics.	Recycled product project: students to research into recycled products and then design and make product using recyclable materials. Students assessed on their design and creative skills.
Literacy / Numeracy / ICT    Key words, concepts + definitions. Internet research/some computer-based designing, evaluating. Accuracy – measuring/markings out. Evaluating.		

<b>Summer Term 1 3D design</b>	<b>Activities</b>	<b>Homework/Assessment</b>
Topic: trinket box Students are to design and make a small trinket box that is inspired by a design movement.	Research Design Marking out/using a jig Decorative techniques Hand/machine tools	Spelling and key word definition tests. Design movement research  Students will be assessed on accuracy and manipulation of materials. Problem solving with understanding of key words and concepts.
Literacy / Numeracy / ICT Keywords, product analysis, specification, annotation and evaluation / measuring and counting/ internet research.		

<b>Summer Term 2 3D design</b>	<b>Activities</b>	<b>Homework/Assessment</b>
Topic: 'Crafts' Students are to use all skills learnt in year 7 and 8 to design and make a glasses holder/small gadget holder for a defined target audience,	Research Design Problem solving Decorative techniques Hand/machine tools	History of the robot and predictions for technology in the future.  Students will be assessed on accuracy and manipulation of materials. Problem solving with understanding of key words and concepts.
Literacy / Numeracy / ICT Keywords/concepts – linked to science. IT research, measuring, making out, calculations (speed, time and distance)		

Website: [technologystudent.com](http://technologystudent.com), [designandtech.com](http://designandtech.com), [bbc.co.uk/bitesize/](http://bbc.co.uk/bitesize/) Resources: Pen, pencil, ruler.

Extension Subject specific extension work.