

Felpham Community College – Key Stage 3 S of W

Subject: Design and Technology	Year: 8	Leader: Dan Woods
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Autumn Term 1 Food Technology	Activities	Homework/Assessment
Topic: Bread making + pizza. Pastry types + uses. Pasta + sauces.	Bread making. Pizza. Pasty. Mango gallettes. Caramelised lemon tartlets.	Researching bread products Students will be assessed on planning and evaluating, accuracy, detail, creativity and presentation.
Literacy / Numeracy / ICT Keywords + evaluating. Sensory analysis. Measuring. Nutritional analysis.		

Autumn Term 2 Food Technology	Activities	Homework/Assessment
Topic: Pasta and Sauces	Making fresh pasta Basic tomato sauce Other sauces + thickening agents. Pasta dish	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		

Spring Term 1 Graphics	Activities	Homework/Assessment
Topic: H&M conscious Students are introduced to the "H&M Conscious campaign". Students will learn about the campaign, the importance of reducing environmental impact of the fashion industry. Students will design marketing materials to market the idea of "H&M Conscious", students will create initial and final designs. They will then create a step by step plan of making.	Research and analysis. Designing. Model-making/Development. Planning Making. Evaluating.	Students are to produce a moodboard, mind map, fact file and an overall research project of "H&M Conscious, Students will be assessed on their creativity/accuracy/originality/problem solving. Equipment and decorative techniques.
Literacy / Numeracy /ICT Key terminology/measuring of materials/ internet for research.		

Spring Term 2 Graphics	Activities	Homework/Assessment
Topic: H&M conscious Students will follow their step by step plan to create a range of marketing materials within a team. Students will use nets to create 3D objects, they will also use Photoshop to create professional looks for their marketing materials. Students can create packaging, logos, printed items such as bags or T-shirts.	Research and analysis. Designing. Model-making/Development. Planning Making. Evaluating.	Students are to produce a moodboard, mind map, fact file and an overall research project of "H&M Conscious, Students will be assessed on their creativity/accuracy/originality/problem solving. Equipment and decorative techniques
Literacy / Numeracy / ICT Key words, concepts + definitions. Internet research/some computer-based designing, evaluating. Accuracy – measuring/marketing out. Evaluating.		

Summer Term 1 Textiles	Activities	Homework/Assessment
<p>Topic: marine panel. Students are to produce a marine inspired panel, incorporating a wide range of textile processes and techniques.</p>	<p>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.</p>	<p>Recycled product project: students to research into recycled products and then design and make product using recyclable materials. Students assessed on their</p>
<p>Literacy / Numeracy / ICT Keywords, product analysis, specification, annotation and evaluation / measuring and counting/ internet research.</p>		

Summer Term 2 3D design	Activities	Homework/Assessment
<p>Topic: Movie Moments. Students are to write a film plot and design and manufacture a key part of the set or a prop for the film.</p>	<p>Research Design Problem solving Decorative techniques Hand/machine tools</p>	<p>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.</p>
<p>Literacy / Numeracy / ICT Keywords/concepts – linked to science. IT research, measuring, making out, calculations (speed, time and distance)</p>		

Website: technologystudent.com, designandtech.com, bbc.co.uk/bitesize/
Resources: Pen, pencil, ruler.

Extension Subject specific extension work.