

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

<b>Subject: Design and Technology</b>	<b>Year: 7</b>	<b>Leader: Dan Woods</b>
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<b>Autumn Term 1 Food Technology</b>	<b>Activities</b>	<b>Homework/Assessment</b>
Topic: Healthy eating Food preparation and handling Food safety	Diet and Health Eatwell Plate Balanced diet Nutrients Food equipment	Food diaries 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: Food safety	Food storage and hygiene Food contamination Cooking methods	Food choices (based on diaries) 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: Aboriginal Pencil Case Students will research Aboriginal culture and produce observational drawings and design ideas for a pencil case.	Research. Designing. Observational drawing	Natural Fabrics  Students will be assessed on creativity, accuracy, presentation and problem solving.
Literacy / Numeracy / ICT    Internet research. Pattern making, measurement, keywords, evaluating.		

<b>Spring Term 2 Textiles</b>	<b>Activities</b>	<b>Homework/Assessment</b>
Topic: Aboriginal Pencil Case Students will design and make a pencil case. Case inspired by Aboriginal art.	Pattern cutting Sewing machines/sewing equipment Putting in a zip (zip foot)	Designer Profile  Students will be assessed on creativity, accuracy, presentation and problem solving.
Literacy / Numeracy / ICT    Internet research, power-point presentation, keywords, evaluating.		

<b>Summer Term 1 Graphics</b>	<b>Activities</b>	<b>Homework/Assessment</b>
Topic: Logos Students are to design and make a logo showing development through design and mixed media. Design will be placed on a fashion item.	Design Drawing. Rendering Mixed media Fashion illustration	Students are to research into logos and produce a range of design ideas for a specific company of their choice. They will design packaging.  Students will be assessed on the accuracy and creativity of their product.
Literacy / Numeracy / ICT    Measuring, internet research, marking out, keywords.		

Summer Term 2 3D Design	Activities	Homework/Assessment
<p>Topic: Fragments Students are to design and make a piece of 3D art.</p>	<p>Research Design. Hand tools. Machine tools. Decorative techniques Group work/presentations.</p>	<p>Health and safety presentation. Spelling and definition tests.</p> <p>Students will be assessed on the function and creativity of product, problem solving and understanding of mechanisms.</p>
<p>Literacy / Numeracy / ICT    Measuring, internet research, marking out, keywords</p>		

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.