

Felpham Community College – Key Stage 3 S of W

Subject: Design and Technology	Year: 7	Leader: Laura Mepham
---------------------------------------	----------------	-----------------------------

Autumn Term 1 Food Technology	Activities	Homework/Assessment
Topic: Healthy eating Food preparation and handling Food safety	Eatwell guide & Balanced diet Nutrients Food equipment Pasta bake Healthier Breakfast Smoothies	Food diaries Healthy Eating poster 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: Food safety Food science: why does food turn brown?	Food storage and hygiene Food contamination Cooking methods Fajitas Apple muffins	Food choices (based on diaries) Research of key terms 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 Textiles	Activities	Homework/Assessment
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.		

Spring Term 2 Textiles	Activities	Homework/Assessment
Topic: Aboriginal Pencil Case Students will design and make a pencil case. Case inspired by Aboriginal art. Topic: Phone case	Pattern cutting Sewing machines/sewing equipment Putting in a zip (zip foot) Students will use print making to create a patterned fabric, they will produce a calico phone case.	Natural fabrics long term homework/ Designer profile homework. Students will be assessed on creativity, accuracy, presentation and problem solving.
Literacy / Numeracy / ICT Internet research, power-point presentation, keywords, evaluating.		

Summer Term 1 3D Design	Activities	Homework/Assessment
Topic: Cubee Characters Students are to design and make a 3D character out of manufactured board.	Design Drawing. Marking out Cutting skills Drilling Assembly Finishes	Students are to learn key words and spellings Students are to research analyse products and designers in the wider world. Students will be assessed on the function and creativity of product, problem solving and understanding of materials and processes.

Literacy / Numeracy / ICT Measuring, internet research, marking out, keywords.

Summer Term 2 3D Design	Activities	Homework/Assessment
Topic: Recycled plastic keyring Students will learn all about how plastics can be recycled and how to cut, shape and finish plastic materials	Research Design. Hand tools. Machine tools.	Spelling and definition tests. Research into plastics in the ocean. Students will be assessed on the function and creativity of product, problem solving and understanding of materials and processes.

Literacy / Numeracy / ICT Measuring, internet research, marking out, keywords

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

Extension: Subject specific extension work.