



THE HEREFORD ACADEMY

**Technology**  
Key stage 3  
Homework Issued and dates  
2010

Curriculum Leader– Miss Shaw  
D&T second– Mr A Pitcher  
ICT second– Miss L Stephens

### Homework- Infinity and Beyond

Year	Date	Homework Mr A Pitcher	Homework Mrs R Polly	Homework ICT
7	Spring Term	<p>Source a 2 litre drinks bottle for making your rocket</p> <p>Investigate which type of rocket designs give best vertical flight ready to help with their actual rocket.</p>	<p>Design, make and evaluate a product with an edible casing that could be consumed on a journey to Mars. <u>To do:</u> Design, plan and buy ingredients for a product with an edible casing. Evaluate product outcome against criteria of task <u>Week 2</u> Design, plan and buy ingredients for an energy bar Evaluate product outcome against criteria of task.</p>	<p>Students to complete the “cyber bullying” worksheet (attached) Complete the Bebo / Facebook activity worksheet</p> <p><b>Graphics project</b> Complete the “Graphics around the home” worksheet Students to draw an image which they think suits the description from today’s lesson. Reproduce the image using a drawing package such as paint or fireworks. Students to use the “Martian Landscape” drawing to describe what they think it is like on Mars. Use the writing frame to help.</p>
7	Summer Term	<p>Complete a potential customer questionnaire re product to be produced by your sales team</p> <p>Produce a potential customer feedback on sample products to allow informed choice of product to make.</p>		

### Homework– Enterprise

Year	Date	Homework Mr O Conner Construction	Homework Mrs R Polly Food	Homework Miss E Shaw Textiles
8	Spring Term Spies	Use magazines, Television and internet sources to help you understand the importance of a design stage to any project. Look at how the technicians design games, architects design buildings and skyscrapers. Your task will be to investigate and find out how much time is usually spent designing one of the activities described above.	Each week we will investigate the cuisine of a different country. Research each of the countries to find out what influences the ingredients they use in their recipes.	Secret hand shake Spy in discuses Spy box equipment- Collect/bring an item for their spy box Which is the getaway car? Design inspector Gadget new outfit Find the missing spy link Spy code
8	Summer Term Box of delight	Use magazines, Television and internet sources to help you understand the importance of a well constructed product. Your task will be to find a product very similar to yours and for you to see the quality required for this product to sell.		Collect/bring in an item for your puppets Scary story- two weeks home work Designing a box-two weeks work Researching puppet designs

Homework– BTEC First Certificate

Year	Date	Homework BTEC Construction	Homework BTEC Art/Textiles	Homework BTEC Hospitality and Catering
9	Spring Term	<p>Investigation into the following joint systems for their practical assessment</p> <p>Bridle Joint, progressive bridle joint, cross-halving, mortise and tenon, screw butt and dowel butt.</p>	<p>Finish creative brainstorm</p> <p>On going development of mood boards for the 4 countries</p> <p>On going development work in of research and final design ideas.</p> <p>On going making of final item</p>	<p>To research t the purchasing cycle and associated purchasing documents</p> <p>To research the costing of dishes.</p> <p>To plan and make a selection of appropriate dishes.</p> <p>To learn the health and safety food preparation rules.</p>
9	Summer Term	<p>Completion of individually identified Health and safety tasks at pass level.</p>	<p>On going development of mood boards for the 4 countries</p> <p>On going development work in of research and final design ideas.</p> <p>On going making of final item</p>	<p>To research t the purchasing cycle and associated purchasing documents</p> <p>To research the costing of dishes.</p> <p>To plan and make a selection of appropriate dishes.</p> <p>To learn the health and safety food preparation rules</p>

Homework– Functional Skills/OCR

<b>Year</b>	<b>Date</b>	<b>Homework Mrs P. Philips</b>	<b>Homework Miss L Stephens</b>	<b>Homework Mr. Haines</b>
9	Spring Term Spies	Functional skills exam revision. Produce a leaflet entitled “Staying Safe on Social Networking Sites”. Storage devices worksheet. Appropriate communication methods worksheet. Hazards in the workplace worksheet. Identification of corporate house styles worksheet.	Functional skills exam revision. Produce a leaflet entitled “Staying Safe on Social Networking Sites”. Storage devices worksheet. Appropriate communication methods worksheet. Hazards in the workplace worksheet. Identification of corporate house styles worksheet.	Functional skills exam revision. Produce a leaflet entitled “Staying Safe on Social Networking Sites”. Storage devices worksheet. Appropriate communication methods worksheet. Hazards in the workplace worksheet. Identification of corporate house styles worksheet.
9	Summer Term Box of delight	PowerPoint software tools identification worksheet. Analysis of the good and bad features of a video clip. Creation of a storyboard to accompany a short piece of writing. Identification of audiences of selection of graphics. Evaluation of clip in relation to purpose, aim and target audience.	PowerPoint software tools identification worksheet. Analysis of the good and bad features of a video clip. Creation of a storyboard to accompany a short piece of writing. Identification of audiences of selection of graphics. Evaluation of clip in relation to purpose, aim and target audience.	PowerPoint software tools identification worksheet. Analysis of the good and bad features of a video clip. Creation of a storyboard to accompany a short piece of writing. Identification of audiences of selection of graphics. Evaluation of clip in relation to purpose, aim and target audience.