

Bath College of Higher Education

The introduction of design and technology has given Bath College of HE the opportunity to diversify from training Home Economics teachers by developing courses for both primary and secondary D&T teachers.

All students on four-year primary BA/BSc. (QTS) routes follow a core professional module and an increasing number choose subject studies in this area for one or two years. Students who do two years' subject studies may also opt for a curriculum specialism in year 4. Primary PGCE students also cover some work in the area. Secondary students are on a PGCE route and are specialising in the textiles/food aspects of D&T although they also cover studies in the whole area.

Subject Studies modules attract students from a wide range of interests, backgrounds, skills and knowledge. Early projects are focused to develop understanding of the nature of design briefs and to introduce a range of skills and knowledge needed to work with a broad spectrum of materials. Students work individually and in groups and considerable progress has been made in methods of assessing individual contributions to group work.

Work described here represents subject studies in the first two years of four-year degree courses. Both examples are of group work in year 1.

□ Food Technology: a group project

Brief: Develop a food product to be promoted in Bath or at a major event such as the Spring Flower Show or the International Music Festival

The City of Bath Council is concerned to promote employment opportunities beyond retailing and tourism. Groups of students carried out a market survey using Mintel and field work to identify a potential food product which would promote the production and sale of food in Bath. A range of potential products was developed and evaluated by consumer product profiling and sensory evaluation techniques.

Packaging designed and made by two groups of students: Sarah Higton, Louise Stubbs and Shelley Sutton (Bathonian Biscuits) and Lynda Parsons, Jill Veasey and Imla Venkatasamy (Bath Tarts)



Design and Technology Education Exhibition & Seminars

D & T

10th-12th NOV'94
National Exhibition Centre
Birmingham. 9.30-5.30 (5pm Sat)

- The only major national event in Europe for this important subject. Held annually for 17 years - and with more changes looming in National Curriculum D & T - now more vital than ever for keeping you in touch.
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- **YOUR VISIT MAY COUNT AS AN INSET DAY.** This was the case for many of our 12,000 visitors last year. Only teachers and other education professionals admitted. Strictly No School Parties or general public.
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Displays of selected products were photographed for use in marketing and promotion. Packaging of the product was designed and made to meet food labelling and packaging requirements and to contribute to marketing the product. Students (who were not necessarily food specialists) developed an awareness of industrial food product development and gained experience in some aspects of this. Packaging aspects of the project also developed students' IT experience through CAD and nutritional analysis programs.

□ Mechanical Movement

For many students this is their first experience of design and technology. Groups of students are asked to design a display for a situation they have identified where moving elements can be incorporated to enhance the impact of 3-D presentation. The final design is made up as a working model (up to half a cubic metre) to attract attention and communicate information.

Other projects in year 1 develop skills in textiles and IT. Year 2 modules include work in resistant materials, systems and control and there is also an opportunity to carry out a personal project where the brief is negotiated by the student.

Mary Bagshaw