

Primary Design and Technology DATA/TDA Extended Course Overview an in-service opportunity for Design and Technology

The Design and Technology Association (D&T Association) in conjunction with Birmingham City University, have secured funding from the Training and Development Agency for Schools (TDA) for a 6 day Design and Technology course. This course will highlight the Scientific principles that underpin design and technological activities.

When?

Thursday 7th October 2010 (9.15am-4.30pm); Friday 8th October 2010 (9.15am-4.30pm); Friday 15th October 2010 (9.15am-6.00pm); Friday 14th January 2011 (9.15am-6.00pm); Thursday 20th January 2011 (9.15am-4.15pm); Friday 21st January 2011 (9.15am-4.15pm).

Where?

The Boat House, Ferry Street, Isle of Dogs, London, E14 3DT

Who?

Co-ordinators or those with a particular interest in the teaching and managing of Design and Technology in primary schools.

What?

The course aims to develop participants':

- practical skills;
- understanding of the delivery of Design and Technology in the classroom;
- theoretical knowledge and understanding
- knowledge of the links with science.

Accreditation?

This is an accredited course (the minimum requirement to obtain the D&T Association certificate), and on the successful completion of two assignments set (both the equivalent of about 5000 words), participants will receive a "Post-graduate Certificate in Education" from Birmingham City University. This is the equivalent of 60 points towards an MA. It is possible to transfer these points to other universities. One assignment is a compulsory element for the funding requirements from the TDA.

Cost?

The course is free to participating schools, but schools must meet the cost of any supply cover needed. Tuition and registration fees for 30 points, (compulsory assignment) are provided by the D&T Association.

Interested?

Contact Sandie Kendall - Director Education Division, Bartlett Kendall Education, on:

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Course overview

Day	Dates	Times	Tutor(s)	Content
1	Thursday 7th October 2010	9.15- 4.30	SK	Introduction Paper engineering - levers, linkages etc Mechanical control - cams, cranks etc <i>Science link - forces to change the direction of movement</i>
2	Friday 8th October 2010	9.15- 4.30	SK	Textiles Computer Aided Design (CAD) Drawing skills <i>Science link: properties of materials</i> Tutorials
3	Friday 15th October 2010	9.15- 6.00	SK	The role of the subject Leader: Assessing D&T capability Schemes of work and policies Development planning Tutorials
4	Friday 14th January 2011	9.15- 6.00	SK	Pneumatic & hydraulic control Electrical control - focused practical tasks Introduction to control technology <i>Science link - forces using air and water & using electrical circuits</i> Tutorials
5	Thursday 20th January 2011	9.15- 4.15	SK	ICT control technology -DMA.
6	Friday 21st January 2011	9.15- 4.15	SK	Food technology <i>Science link - nutrition and food groups</i> Course evaluation

The content shown above is intended to indicate the knowledge and skills that will be covered on the course. The actual sequence may be changed. Professor Clare Benson (BCU) will visit during the course to give guidance and advice on the assignments.

Course tutor

Sandie Kendall, Consultant for D&T, Bartlett Kendall Education.

BKE Terms and Conditions for TDA Extended Courses

- Applicants to TDA Extended Courses must be Qualified Teachers, or Teaching Assistants holding a first degree. The costs of the Extended Course are fully-funded by the TDA but schools must meet the cost of any supply cover needed.
- The submission of the completed application form and subsequent issue of acceptance of the application by BKE constitutes a confirmed reservation. Acceptance of applications will be made by BKE in writing. If confirmation of the application has not been received within 14 days prior to the course start date, please contact BKE on 020 8473 3002. BKE cannot be held responsible for the non-arrival of information.
- All cancellations must be made in writing or by fax to be received by BKE at least 20 school term-time days before the start of the course. All cancellations are subject to an administration charge of £50 per delegate which will be invoiced to the school. In the event that a cancellation is made later than described above, the full course fee of £65 per course day (total £390) will become payable by the school.
- A substitute delegate may be nominated at no cost prior to the start of the course. Any substitute must be appropriately qualified as described above. No substitute delegate can be accepted once the course has commenced.
- BKE reserves the right to make changes to the course programme, location and/or course leader(s) without prior notice.
- Where it is necessary to cancel a course session at late notice, or on the day of the session, due to factors outside BKE's control (e.g. transport strikes, course leader illness/accident etc.) BKE will offer a substitute session date. BKE will not be liable for any consequential loss to any delegates or schools suffered as a result of such circumstances.
- By submitting this form, applicants and their schools agree to abide by these terms and conditions.