

## Design & Technology with ICT Education Show

Show Patron: Sir James Dyson



18-20 November 2010  
NEC, Birmingham  
Hall 10



### **Bob Booth, Educational Advisor to the D+T Show**

#### **Design and Technology Update June 2010**

There are challenging times ahead for schools but the Design and Technology Education Show offers a great deal of stability and subject security. The organisers realise that teachers may well find increasing difficulty in obtaining funding for continuing professional development so this year's show has increased the FREE subject updating opportunities.

The seminars reflect the curriculum changes taking place across the Key Stages and the foremost experts in the field are not only talking about and showing exemplars but offering you solutions too. The Keynote lectures parallel the continuing drive to modernise elements of the D&T curriculum and these are followed each day by specialist sessions dealing with current issues. In addition there are six specialist Workshops each day giving you access to the latest curriculum activity, planning and development. Both SpeedStep and ArtCAM have new versions being launched and ProENGINEER and ProDESKTOP CAD systems will be supported. These applications offer a superb opportunity to take the first stages in modernising what you do with your pupils and giving them access to stimulating and exciting software. Research has shown that some pupils are spending significant parts of the day with electronic entertainment gaining many of the skills needed to operate CAD systems. This front-loading with knowledge and expertise can be done at home leaving lesson time for creative applications of these new skills; many of the seminars and workshops will be demonstrating the strategies which allow pupils to achieve stunning work in these situations.

The clearer focus on key concepts gives us an opportunity to spell out our subject's contribution to the science, technology, engineering and mathematics (STEM) agenda - a series of initiatives geared towards creating a strong supply of scientists, engineers and technologists - and there will be opportunities to help you in your search for the scientific concepts in D&T teaching. There is a subject requirement to support language development which we need to demonstrate together with our subject contribution to raising standards generally. Also at this event will be support for the compulsory Food curriculum, news about the new funding for Food rooms, new GCSEs and Diplomas, KS3 curriculum support, particularly for systems and control technology, SEAL materials and Digital D&T hands-on workshops.

If you are a teacher with expertise in design and technology education and want to contribute to subject development in your school or college this show is the ideal place to gain an in-depth knowledge regarding issues affecting your subject. Look over the programme of seminars and workshops, plan which you want to attend and sign up for these activities as soon as you enter the show hall. If you are making decisions on CAD and CAM training, software applications, hardware and maintenance requirements there will be experts on hand to give advice and show examples of pupil and teacher work. There will be post graduate professional development information for teachers with subject leadership aspirations.

As the 2010-11 curriculum is being planned in your school why not make an early request to take advantage of this personal development event - share what's on offer with your head teacher! Don't forget, registering on-line in advance will save you time on the day you visit.

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