

## Using Digital D&T to enhance your electronics curriculum

### Who should attend?

All teachers of D&T, D&T Department/Faculty heads, NQTs and all D&T teachers looking to update their Electronics/Systems & Control knowledge (prior experience is not necessary!)

### Details & Venue

Date: 22nd January 2010 (9.30am – 3.30pm)

Venue: Sheffield South CLC, Lees Hall Road, Sheffield S8 9JP

You are invited by [David Taylor](#), North West Lead Practitioner for Design and Technology, and [Torben Steeg](#), National Digital D&T Advisor, to attend an event. This one day course costs just £80. SSAT lead practitioners are outstanding teachers who disseminate best practice in their subject through regional networks. They run events throughout the country and also produce resources for our website.

### Why attend?

- Electronics/Systems & Control is now a key part of the new National Curriculum. David Taylor has a proven and nationally recognised track record of developing innovative and creative KS3 projects and raising KS4 attainment in Electronics.
- **Torben Steeg is a National Advisor for the Digital D&T Programme and is internationally recognised for his work in developing Electronics based curriculum support materials.**
- Take away a memory stick packed with free software and resources that can be used straight away, including GENIE programming editor (which can be installed on school networks) and a USB download programming cable.
- **Gain practical electronics experience and work on/take away both a kit based project board and your own design that you can use straight away in the classroom.**
- See how the Digital D&T programme can help you develop your work in ECT with the use of microcontrollers and CAD/CAM.

To book a place, book online by clicking on the following link (login or registration is needed – it's free to register!):

Event link:-

<https://www.schoolsnetwork.org.uk/ssat/Pages/EventDetails.aspx?eventid=SVN1009650>

**If unable to book online, phone the SSAT booking officer on 020 7802 9003, quoting event ID SVN1009650**

For information email David Taylor at [dtaylor@theradclyffschool.co.uk](mailto:dtaylor@theradclyffschool.co.uk), or visit his website [www.taylordavid.org](http://www.taylordavid.org)

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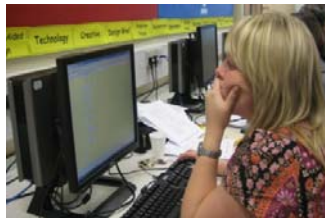
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**How does it fit into the Design and Technology curriculum and your work with students in your school?**

The new NC for KS3 highlights the importance of Systems & Control/Electronics as part of a creative and exciting D&T curriculum. It also emphasises the use of microcontrollers, microprocessors and CAD/CAM as part of a modern “Digital D&T” learning environment.

**The seminar will look at the Digital D&T programme, what it means for your school and how it can support your professional development. As part of this course you will gain experience of using the new PIC GENIE system and associated software such as Circuit Wizard. You will also learn how microcontrollers can be used to enhance your ECT and Digital D&T based work.**

In this seminar you will take away a kit based PIC GENIE PCB that you will construct and program using the GENIE Programming Editor. You will be provided with a free copy of this software and a USB download cable to take away with you. You will also receive the opportunity design your own PIC GENIE PCB for use at either KS3 or KS4.



### What delegates say about David and Torben’s courses:

**“Thanks for Friday, it was a great day. I was really inspired and am now setting the wheels in motion to introduce the project we worked on.”**

**“I had some limited knowledge prior to the event – I am now very motivated to learn more.”**

**“Inspirational seeing an excellent learning environment – I will push for better resources.”**

**“A big thank you for an excellent day.”**

**To book a place or for more information please see the bottom of the first page.**

**Sheffield South CLC, Lees Hall Road, Sheffield S8 9JP**