

Moxton Education is an independent boutique consultancy focusing in Education ICT and part of the Moxton Group.



MOXTON
EDUCATION

THE COMPUTING CURRICULUM RESOURCES AND SCHEME OF WORK

A 2 day workshop for either Primary or Secondary Schools (KS1, KS2, KS3)

BACKGROUND

Day 1 – Developing your SOW

With the introduction of the new national curriculum for computing, schools are revisiting their Schemes of Work and deciding what to include and what to omit. This workshop will provide a hands on, practical approach to developing your scheme of work and make sure you are aware of the key decisions to make.

Day 2 – Choosing Quality Resources for the new Computing Curriculum

The new computing curriculum has been introduced and there is a plethora of free and commercial resources available out there to support it. Unfortunately most teachers don't have the time to find and review them. This workshop is an opportunity to do just that. You will have the opportunity to access and evaluate a range of resources and have the time to choose appropriate resources for a variety of activities.

This 2 day workshop, will give you the confidence and tools to develop a SOW and access, evaluate and create appropriate resources. It complements another 2 day workshop which is an introduction to the new computing curriculum as well as focusing on understanding assessment frameworks to evidence and monitor progression.

AIMS

The aim of this workshop is to provide an opportunity for schools to get to grips with developing an innovative SOW for the new computing curriculum and access a variety of appropriate resources.

(This course is suitable for senior and middle leaders and ICT staff in Primary and Secondary schools). This is an introduction workshop.

WHAT YOU WILL GET

By the end of the workshop participants will be able to:

Day 1

- Develop long term and medium plans
- Review a SOW with regard to the new requirements
- Develop ideas for an innovative SOW based on POS, Themes or Projects
- Develop innovative activities with appropriate resources
- Access appropriate resources
- Review and discuss an appropriate assessment method
- Get started with a programming language

Day 2

- Understand key aspects of the new Computing Curriculum, including:
 - o Computational Thinking
 - o Programming Concepts
 - o Developing a SOW
 - o Assessment without levels
- Identify as well as review, key resources for the above
- Identify free and commercial resource links
- Identify key sources for training
- Access and share examples of good practice with regard to resources
- Develop a network of contacts and know how to keep up to date
- Understand Copyright and IPR when creating your own resources
- Link resources to Blooms taxonomy

HOW WE WILL WORK WITH YOU

This workshop will be a 'hands on' 2 day workshop so that by the end you will be able to effectively develop your SOW and access a variety of appropriate resources.

Day 1

Participants will:

- Discuss and share features of a good SOW
- Develop long term and medium plans – with activities
- Identify what to include in the SOW
- Review some example SOW – with activity
- Plan some key activities for the computing element of the SOW
- Identify some appropriate resources
- Try a Scratch activity
- Discuss assessment without levels
- Determine next steps

Day 2

- Share best practice with one resource that you use and rate highly.
- Investigate and review a list of the best of breed hardware, software and apps that enable the delivery of the new computing curriculum for KS1, KS2 or KS3
- Investigate and review a list of the best of breed websites and documentation that enable the delivery of the new computing curriculum for KS1, KS2 or KS3
- Identify key people and organisations for the best up to date resources
- Investigate key apps and websites linked to Blooms revised Taxonomy
- Investigate training opportunities
- Develop a network and strategy to keep up to date
- Create their own resources with a clear understanding of copyright and IPR

Note - Resources will be available for all participants via a Dropbox account.

RELATED SERVICES

- 2 day workshop – Introduction to the new computing curriculum and assessment without levels
- ICT Policies & procedures
- BYOD – a practical workshop
- Integrating ICT into new buildings

See more at www.moxton-education.com

WOULDN'T IT BE GOOD TO HAVE SUPPORT FROM...

- Staff who have each got in excess of 20 years experience in ICT in Education
- Supported literally hundreds of schools to facilitate change projects related to ICT
- Been senior leaders in all phases of schools
- Been responsible for Education businesses in the UK turning over been £10-£100m
- Access into senior staff in many of the UK's leading suppliers of ICT into schools
- Understands the complexity of BSF and Partnering contracts.
- Been teachers
- Managed key implementations as part of construction projects
- Rolled out school specific ICT support services to over 800 UK schools
- Integrated Education cloud solutions and delivered them into over 500 schools, youth centres, libraries and childrens homes
- Managed key aspects of creation of new schools (Vision, ICT, procurement, CPD, curriculum models, classroom design)
- Been commercially responsible for the broadband into in excess of 5000 schools
- Managed supply & customer side procurement
- Worked in the supply side to Federations, Free Schools, Academies, UTC's
- Managed the procurement of multi-million pound ICT equipment, software and service contracts
- Expertise in key educational trends such as 'flipped learning', Design thinking and Project based learning
- Been responsible for demonstrating improvement in ICT across groups of schools.
- Been a teacher so knows the 'stresses and strains', issues and opportunities in schools and academies
- Worked with over 120 very small schools in their unique environment
- Managed supply & customer side procurement
- Worked on the client side with Federations and Academies.
- Worked on over 150 projects with construction, M&E and Architects