Delivering Engaging Computing in the Primary Classroom

Develop your confidence, gain practical, hands-on experience and deliver high-quality computing learning and teaching in every classroom

09:00 – 09:30	Registration and Refreshments
09:30 – 09:40	**Chairs Introduction and Welcome** *Phil Bagge, Computing Inspector/Advisor, CAS Regional Coordinator & Primary Computing Master Teacher*
Keynote 1 09:40 – 10:10	**Computing pedagogy: What does the research say about effective computing teaching for 2015/16 and what new strategies and techniques should you be implementing!** *Miles Berry, Principal Lecturer in Computing Education, University of Roehampton*
Keynote 2 10:10 – 10:40	**The path from novice to computing whiz: Build staff confidence, develop computing skill sets and ensure your colleague can master computer science** *Phil Bagge, Computing Inspector/Advisor, CAS Regional Coordinator & Primary Computing Master Teacher*
Keynote 3 10:40 – 11:10	**Successfully embed technology across the whole curriculum: Encourage staff to take risks and utilise technology in all lessons to excite and invigorate pupils and enhance learning in the classroom** *Miles Berry, Principal Lecturer in Computing Education, University of Roehampton*
11:10 – 11:20	Questions
11:20 – 11:40	Morning Refreshments
Panel Discussion 11:40 – 12:10	**From Raspberry Pi to Minecraft, from games-based learning to hackathons: Cut through the resources and learn what innovative technology will work best for your school** *Chris Mayoh, Michelle Brayford, Miles Berry*

Workshops 12:10 – 13:10

1A: Coding & Programming – KS2	1B: Assessment
Experience engaging and invigorating coding lessons, gain proven differentiation strategies and transform your delivery of KS2 computer science in the classroom *Includes ready-made lesson plans to take back to school* *Miles Berry, Principal Lecturer in Computing Education, University of Roehampton*	**How do you effectively assess computing? Learn how to measure progress and map attainment onto the new curriculum in your school in light of the removal of levels** *Phil Bagge, Computing Inspector/Advisor, CAS Regional Coordinator & Primary Computing Master Teacher*

13:10 – 14:10	Lunch **Computing 'Unplugged' – Join Phil Bagge for practical hands-on methods for teaching computational thinking without the use of technology or expensive resources**

Workshops 14:10 – 15:10

2A: Computing across the Curriculum	2B: Digital Literacy
Maximise computing time across the curriculum and learn how to embed it within all subjects including English and Maths *Jon Chippindall, Computing Leader, Crumpsall Lane Primary School*	**Embed digital literacy skills, raise pupil and parent e-safety awareness and safeguard against the latest online and social media dangers** *Michelle Brayford, ICT coordinator, Brunswick House Primary School*

15:10 – 15:30	Afternoon refreshments

Workshops 15:30 – 16:30

3A: Coding & Programming – KS1	3B: Staff Training
Experience engaging and invigorating coding lessons, gain proven differentiation strategies and transform your delivery of KS1 computer science in the classroom *Includes ready-made lesson plans to take back to school* *Michelle Brayford, ICT coordinator, Brunswick House Primary School*	**Revive your staff training, develop a confidence boosting CPD training programme and cascade your knowledge across your school** *Chris Mayoh, Education Technology Consultant*

16:30	Conference Close