

CAS TEESSIDE HUB

JUNE 2014

WELCOME!

Mark Clarkson

Teacher

Head of Department

Hub Leader

Master Teacher

Board Member

Dogsbody



AGENDA

- 5:00 - Introduction
- 5:10 - Practical Workshops
- 6:00 - Break
- 6:15 - Forum Discussions
- 7:00 - Plenary and AOB

WHERE ARE WE?

COMPUTING AT SCHOOL

- 12 503 CAS members
- 108 CAS Hubs
- 93 Level 2 Master Teachers
- 233 Applicants for Master Teachers
- ~30 Computing At School/BCS Certificates issued
- Over £2m pledged from the DfE to support the NoE

WHERE ARE WE?

THE NEW CURRICULUM

- New **statutory** curriculum for KS3
Computing from September
- At least 4 GCSE qualifications in
Computer Science (plus many more for
ICT and digital media)

KS3 CURRICULUM

- Real world problems & physical systems
- Understand and compare algorithms
- Use programming languages
- Understand simple boolean logic and binary
- Understand hardware and software
- Binary representation
- Creative projects
- Create, re-use and revise artefacts
- eSafety

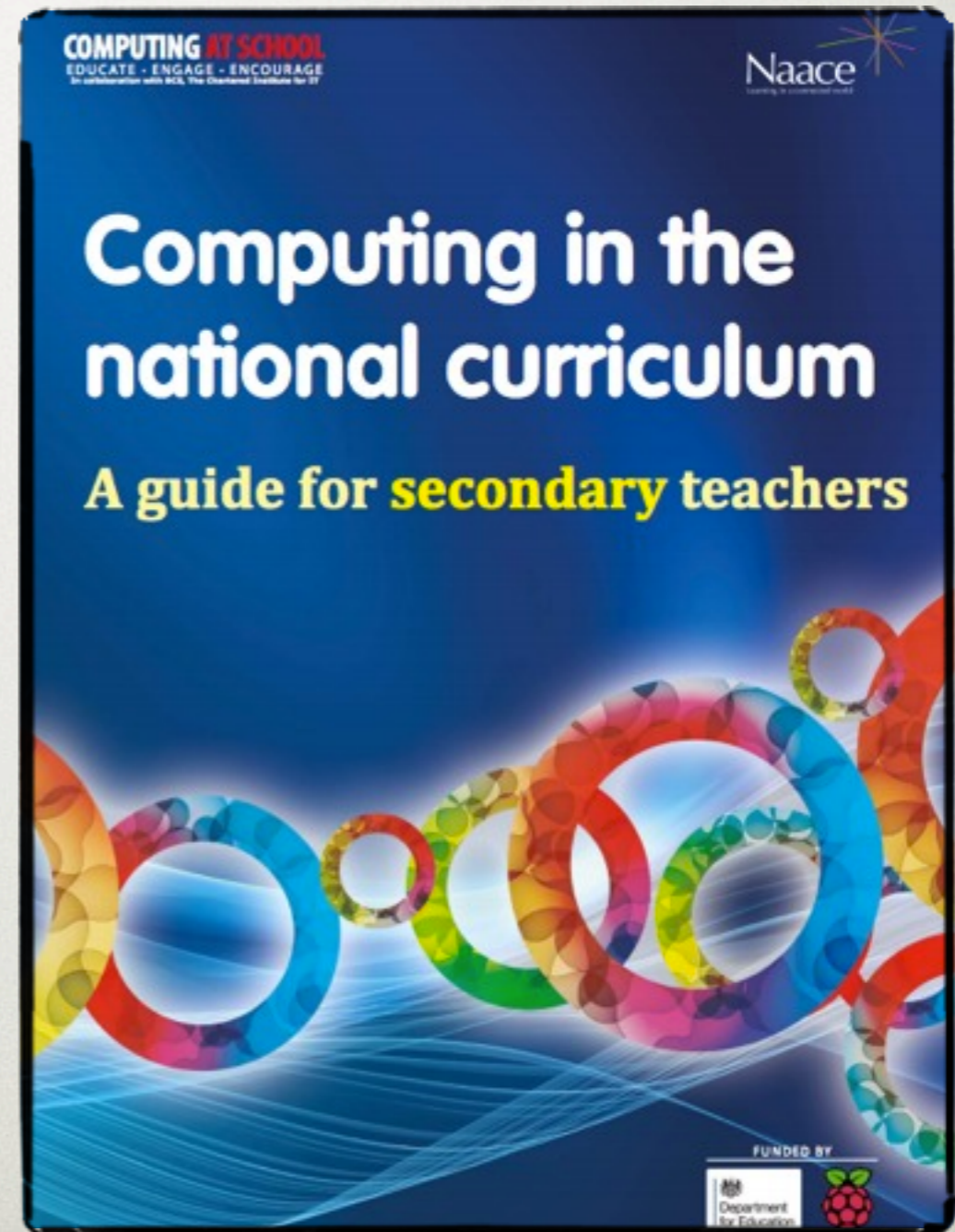
KS4 CURRICULUM

- Provide opportunities to study aspects of ICT and Computer Science
- Develop capability, creativity and knowledge
- Skills in analysis, problem-solving, design and computational thinking
- eSafety

HELP?!?

There are several books that can help!

HELP?!?



FREE RESOURCES & ADVICE

- CAS Community Site
- Various Facebook groups
- TES Forums
- Barefoot Computing
- CS4fn / CSUnplugged
- Hub Meetings
- pi.mwclarkson.co.uk

PAID RESOURCES & CPD

- CAS Master Teacher sessions
- Teach-ICT
- Learn Computing
- *Hodder Compute-IT*
- *PGOnline*
- *Boardworks*

SO WHAT COMES NEXT?

PRACTICAL WORKSHOPS

- App Inventor - Darren Smith
- Lego WeDo - Alan Brennan
- Robotic Arms - Mark Clarkson

BREAK

- CPD questionnaires

DISCUSSION FORUMS

- Planning for the KS1 / 2 Curriculum
- Planning for the KS3 Curriculum
- Meeting the challenges of KS4
- KS5 / COMP4 Project

FEEDBACK

EVENTS

26th June - Cramlington - KS3 Computing

3rd July - Tyneside Hub Meeting

3rd / 4th July - Computing Summer School

Various - Teesside University Events

ANY OTHER BUSINESS

Notes and resources:

pi.mwclarkson.co.uk