

## The e-Confidence Trick

### *Transforming Teaching; Enabling Learning Communities*



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## Your Speaker



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## Presentation Outline

- Describe the **leadership process** associated with implementation of the school's Laptops for Learning initiative.
- Describe the **strategic planning** that led to the programme's success.
- Identify the **elements of the change process** that needed to be fostered to achieve the best outcomes.
- Identify the **blocks to innovation** and suggest strategies for overcoming stakeholder reluctance so that all learners can benefit from contemporary teaching with laptops.
- Exemplify **family involvement in learning** and talk about the impact technology rich schools can have on learning communities.



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## Future Visions Community Award 2008



Award Presentation at The Arnewood School  
Neil Bramley (Sales Director - B2B Toshiba), Christopher Hummerstone (Headteacher),  
and Sir James Hill (CEO - SSAT)



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## About The Arnewood School

- 11-18 Technology College
- 1100 children – eight forms of entry
- Achieving good standards ...
  - KS3 L5+ 84% maths, 85% English, and 86% science
  - KS4 74% 5 A\*-C (61% with English and maths)
  - Post 16 632.5 QCA point score
- 16.7% SA/SA+/Statements
- 9% ethnic minority (BME) & 6.5% EAL (11-16)
- Greater family mobility and increasing FSM.



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## The Challenge

- How do you **continue to improve** student attainment in an increasingly diverse and mobile school population?
- How do you **encourage greater family involvement** from a cross-section of parents/carers?
- How do you **maximise opportunity** from emerging technology and new National Curriculum framework?



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## Action Teachers' TV

<http://www.teachers.tv/video/26701>



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## Change Management

8. Institutionalising new approaches
7. **Consolidating improvements and producing more change**
6. Planning and creating short-term wins
5. Empowering others to act on vision
4. Communicating the vision
3. Creating a vision
2. Forming a powerful guiding coalition
1. Establishing a sense of urgency

John Kotter – Eight Steps



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## Our Guiding Coalition

- Senior Team – Head and Deputies
- Governor's Working Party
  - Meeting with the eLearning Foundation
  - Taking guidance from manufacturers
  - Visiting successful schools
  - Budgeting
- Parental Forum



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## Laptops for Learning - Vision

- Develop **independent study** skills and cater for student's own **preferred learning styles**.
- Prepare students for leisure life and employment in the 21<sup>st</sup> century including gaining first hand **experience of converging technologies**.
- Improve the **personalisation of learning**; allowing students to fulfil their individual potential by working at a **pace** that best meets their ability.



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## Laptops for Learning - Vision

- Develop **family learning** with children acting a catalyst so that all generations of a family can acquire new ICT knowledge and skills.
- Deliver **guaranteed access** to ICT resources at anytime whether at home, school or on study visits.
- Develop **problem solving** skills, including group work, that sharpen students' ability to **critically evaluate sources of information** and apply knowledge in innovative ways.



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## Laptops for Learning - Vision

- Develop **high level ICT skills and proficiency raising standards in ICT** across the curriculum.
- Give immediate access to a wider **variety of information and learning** resources.
- Improve **home/school communication**.
- Accommodate **contemporary learning styles** and maximise the potential of multimedia resources, the internet and emerging learning technologies.



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## Communicating the Vision

- Wider Senior Leadership Team
- Full Governing Body and Community including Local Authority
- Parents and Carers
- Teachers and Staff
- Students



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## Empowering Others



Good Technical Support

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## Empowering Others

### Mobile Learning - Key Success Factors

- Quality of training for teachers
- Provision of appropriate learning content
- Appropriate software
- Strong home school support
- Good technical support

Wolverhampton City Council Learning2Go

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## Empowering Others



Lagland -  
Strong Home School Support

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## Empowering Others

### Mobile Learning - Key Success Factors

- The device
- Connectivity to peripherals especially cameras and whiteboards
- Appropriate parental contribution
- Willingness to innovate
- Listening to learners

Wolverhampton City Council Learning2Go



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## Creating Short Term Wins

Our short term wins include:-

- Impact of delivering what was promised on time.
- Focused use of ICT – channelling into learning outcomes.
- Working with parents.
- Low number of insurance claims.
- Proving the critics wrong!



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## Creating Short Term Wins

Short term success is planned and achieved by ...

- Identifying which parts of the problems need solving
- Building a strong implementation team
- Having a plan and sticking to it
- Keeping complex messages simple and clear
- Not forgetting to take everyone with you on the journey especially parents/carers
- Taking risks!



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## Measuring Outcomes and Impact

Effective judgements need to be made to validate outcomes:-

- Lesson observations
- Parental Forum
- Teacher feedback
- Student surveys
- Action research including students
- External validation – Learning walks, HMI, OFSTED
- Participation levels in family learning events



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### Curriculum Impact

- 74% of respondents indicated they used a laptop in class most days or every day in the last two weeks.
- 63% of respondents indicated they used a laptop at home most days or every day in the last two weeks.
- Girls are more likely to have used email than boys.
- Popular activities include using blogs and Wikis.
- The most appreciated use of Laptops is in Maths and RS.

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### Consolidating Improvements

- Continued innovation with a clear focus on teaching and learning outcomes - Online collaboration (Wikis, moderated peer assessment, podcasts, rich teaching content)
- Even better home/school engagement – homework online/Lapland/Family Learning
- External approval

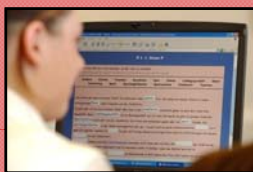


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### Curriculum Impact

- Students in higher sets make a great use of laptops at home and in class than lower.
- “Lower ability students make faster progress and are more engaged in MFL.”
- 13% of respondents they had visited Lapland in the last two weeks.



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### Consolidating Improvements

- Maintaining financially viable models for sustainability.
- Parental/carer buy-in to the vision (at the cost of polarisation).
- Improving equality of access – making sure the digital divide does not become more accentuated.
- Continued dialogue with manufacturers.



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## Institutionalising Change

Sustaining the change involves ...

- Not forgetting the vision
- Reselling the vision to new participants
- Facing critics and being convincing
- Humility - correcting mistakes
- Adapting operational plans but keeping the strategy.

## Parents/Carers as Learners



- Family Learning Evenings
- Learning to Learn Events
- Internet Safety
- Lads and Dads Cooking
- Language Classes
- Digital Photography
- Sports Clubs
- Fitness Centre

## Encouraging Learning Communities



Grandparents' Science

## Questions & Answers



"The [Arnewood]school's family laptop scheme for years 7 and 8 provides a good foundation for the development of ICT and independent learning skills."

OFSTED October 2008

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*Working Together; Shaping Tomorrow*



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