

# Transformation of Secondary Schools in the UK through Building Schools for the Future

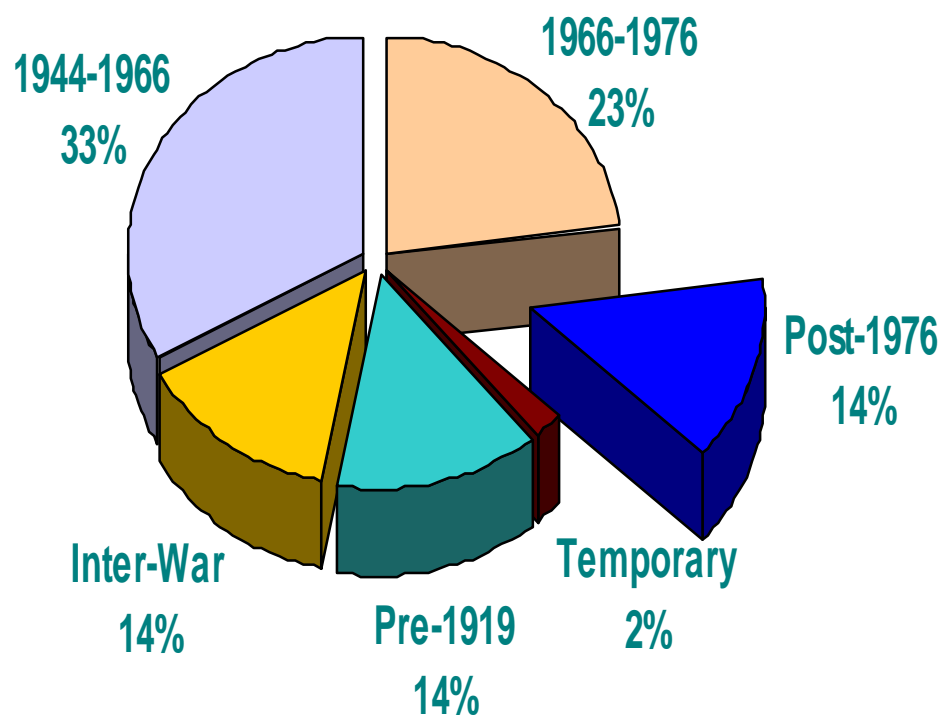
Developing a Strategy for Educational Innovation



**Steve Moss**  
**Strategic Director – ICT**  
**Partnerships for Schools**

***steve.moss@p4s.org.uk***

# The case for investment



## Age of school buildings:

- Over 80% of UK schools are more than 20 years old
- 28% were built before 1939
- A move from piecemeal 'patch and mend' to strategic 'rebuild and renew'



Over the next 15 years, we will

- rebuild 50%
- substantially remodel 35%
- refurbish 15%

of the 3,500 secondary schools in England

and equip them **all** with new ICT infrastructure, equipment and shared learning platforms



- not simply a building programme
- an important opportunity to transform the way secondary schools function
- developing buildings for the 21st century ...
- ...at the same time as 21<sup>st</sup> century pedagogy
- Placing schools at the heart of community services



The Building Schools for the Future programme replaces this .....







.... with this.









Wish  
to make  
my  
parents  
happy

live in  
America

I wish  
I could work  
at Penny Well  
Farm

could have  
a Ford  
Mustang  
GT

I wish I  
could be  
famous

any  
more  
bullying

I wish  
I was  
never  
tired

I wish for  
a long and  
healthy life

I  
wish  
I  
could  
swim

I wish I could  
own a clothes  
shop and get  
what I want

I wish  
I could  
become  
a lawyer  
when I  
grow up

I wish I could  
care and look  
after people,  
I want to be  
a nurse

I wish  
England  
would  
win the  
world  
cup

I wish I could  
stop bullying  
for the ones who  
are suffering

I wish  
I had a  
room of  
my own

I wish that when  
I am older I can  
look after my  
family

I  
wish

I wish th



# Questions, questions

- what sort of education do we want to see in future?
- what sorts of learning relationships do we want to foster?
- what competencies do we want learners to develop?
- What tools and resources are available to us to support learning?
- what buildings do we want?
- how many computers do we need?



# A 21<sup>st</sup> century environment for learning

- The BSF programme give us a unique chance to design and create new **physical** and **virtual** spaces at the same time.



- Together, these constitute a 21st century environment for learning.



# A 21<sup>st</sup> Century skills curriculum

- **Information and communication skills**
  - Information and media literacy skills
  - Communication skills
- **Thinking and problem solving skills**
  - Critical thinking and systems thinking
  - Problem identification, formulation and solution
  - Creativity and intellectual curiosity
- **Interpersonal and self-directional skills**
  - Interpersonal and collaborative skills
  - Self-direction
  - Accountability and adaptability
  - Social responsibility



We can facilitate deeper and richer learning when we design spaces with **learning** in mind.







# The challenge of change

- Developing a national climate which is conducive to innovation
- Developing a culture in schools which is focussed on improvement through innovation
- Developing strong, visionary leaders



# A common vision

- **‘Every Child Matters’**
  - Healthy, safe, happy students
  - Enjoying and being stimulated by learning
  - Achieving their potential
  - Contributing to the social wellbeing of society
  - Contributing to the economic wellbeing of their community
- **Personalised learning**
  - More focused on each individual learner’s needs
- **Competency based curriculum**
  - In the knowledge economy, skills are more important than content
- **Student voice / student leadership / engagement**



# Virtual spaces for learning

- Should enable learners and teachers to find, organise and create content and learning resources in ways which are flexible and not necessarily based on taxonomies or atomised classifications.
- Learners must feel that the experience is a personal one.
- The online space should recognise and facilitate the social dimensions of learning - encouraging collaborative work.



There are few financial or technological barriers to achieving educational transformation through the Building Schools for the Future programme.

Almost all the barriers are in our minds.



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I wish more  
children  
could enjoy  
having a  
school like  
this

I wis  
was  
for p