






School futures

*A view of 2012 and the possible pathways
for change*

Three Questions.....



- What will the world of work look like in 2012? 
Jump to
- What will home life look like in 2012? 
Jump to
- What will my school and associated technologies be like in 2012?
 - Transformation? – what does it look like?
 - How do I get there? – and where am I headed!
Jump to

Why change?



Does the global context matter to you?

Play video



(internet connection required)

(Video opens in new window –
close media player to return to
presentation)

Global, Information-Based Economy

New world of work emerging



*One World
of Business*



*Always On,
Always Connected*



People

*Workforce
Evolution*



*Transparent
Organizations*



The Millennium Workplace



Millennials
MyPod Generation
MySpace Generation
Etc.

- *Little commitment to employer (a job is not life)*
- *High turn over*
- *Flexible time*
- *Manage to outcomes not processes*
- *Expect rapid feedback and on the spot rewards*
- *Social responsibility*
- *Functional teams*
- *Open dialog*
- *Latest technology*



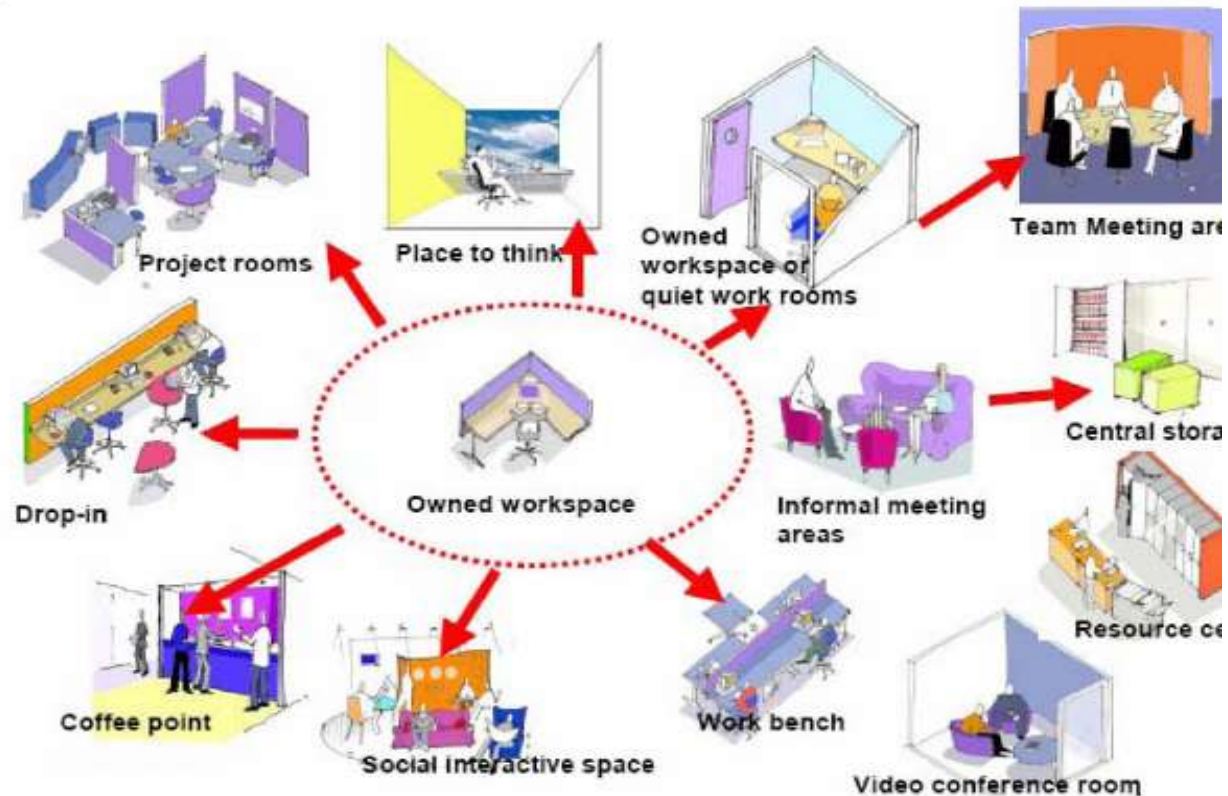
The Workplace



Office Environments - Performance Measures

Emerging concepts

- Hot desking
- Hoteling
- Service centres
- Phone booths
- 'Monks' cells
- Cafes
- Informal meeting
- Formal meeting
- Outdoor areas
- Zoning:
 - Public
 - Privileged
 - Private



Workplace Skills



- Predictions for 2020
 - 3.5m unskilled jobs today. Only 600,000 by 2020
 - 9 million graduate jobs today. 14 million by 2020
 - Re-skill the labour market to compete in knowledge based economy.
- How Technology helps skills:
 - Mobile technology bridges the IT
 - Engages all ages (different devices and approaches work with different learners)
 - Helps learners who are not confident to engage in their own skills needs, and supports employers in doing skills audits



At home.....



The Future starts here...



ubiquitous computing



virtual marketplace virtual communities



mobile hardware



approach
xP



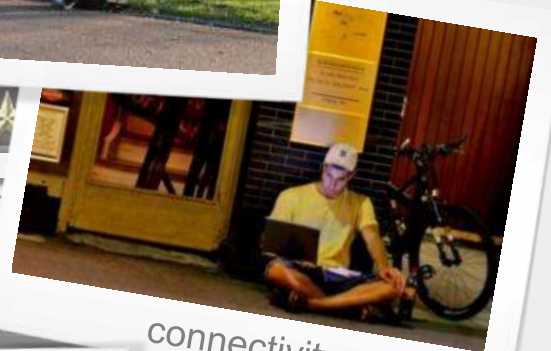
converging technologies



online personalities



connectivity



Food Poison





At school.....



Education and Technology 2012



- Much more integrated approach to learning at a local level
 - Every child matters
 - Community re-generation
 - Local services delivery
- Best economic policy is to have a good education policy
- Deeper parental involvement in education through IT
- Learners as creators/collaborators
 - Learners not constrained by Fear, Uncertainty and Doubt
 - Discovery Learning
- Deep Personalised Learning – driven by the student
- Not pass or fail at 11 or 16 but lifelong learning...or even Permanent education

Education and Technology 2012



- Interactivity within learning will be key
 - Different devices including TV
 - Devices – Phones plus rich software applications
- Software and services combine – IT is provided as a utility service
- Online education markets
- Better appreciation of cultures through IT
- Education publishing industry – Napster
- Masses of education content – rich easy to use authoring tools
- A more discerning customer – the student

- All this must be delivered with a robust/rich IT platform.....

Views of Young People

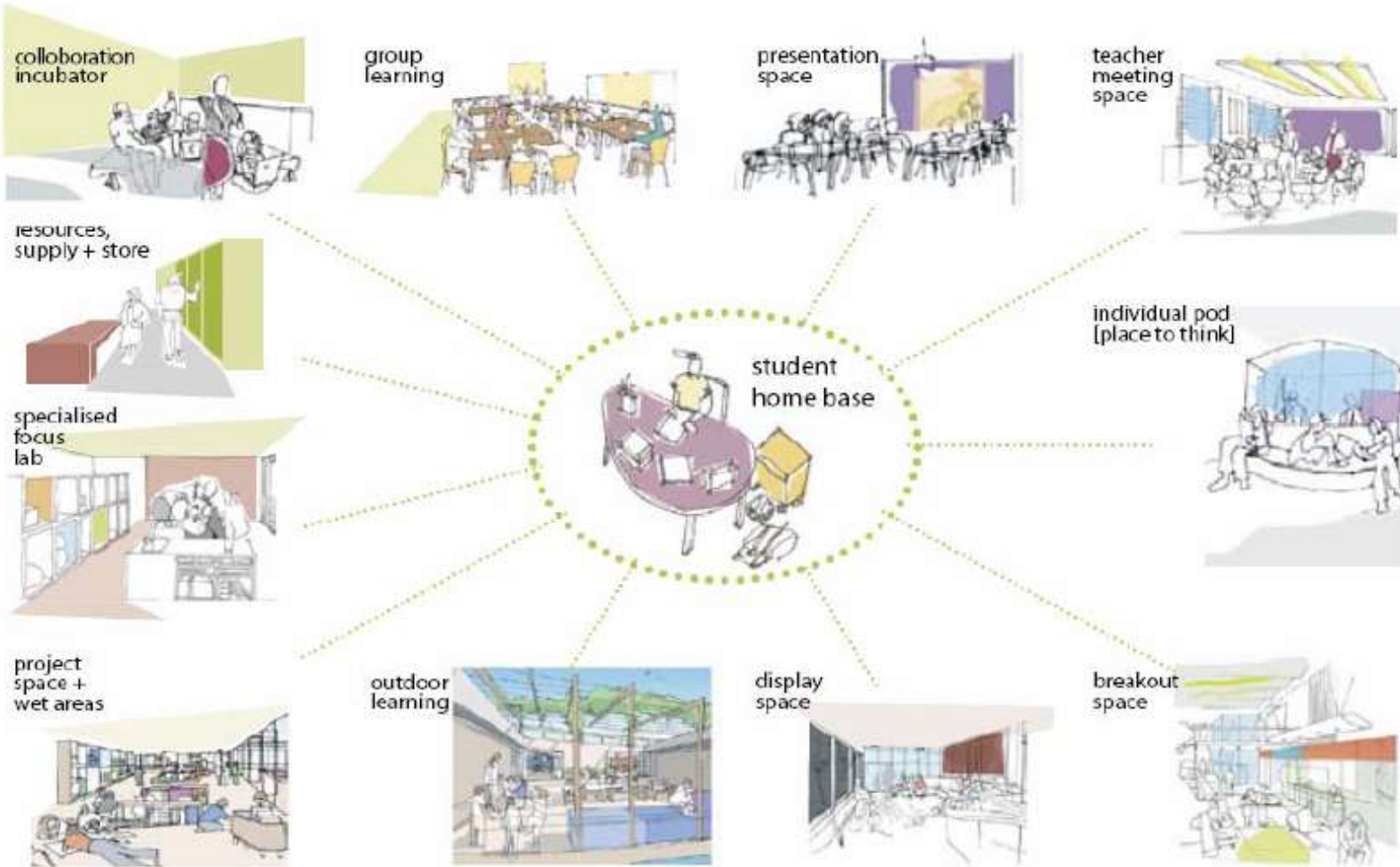


Respect for all, treat us like VIPs ; Exciting, inclusive, welcoming, open, light, safe, well maintained and secure places to work, learn, socialise and play in. Multifunctional open spaces; Comfortable furniture; Mobile ICT; world class' sports and arts facilities ; community and pupil art to be placed within buildings ; Comfortable, tranquil, uplifting, colourful and warm; Different external spaces , social to learning sport and arts; sustainable technologies such as solar power, recycling points, water conservation and land drainage solutions; Natural ventilation. Outdoor teaching spaces, individual lockable bike sheds, water features to create calm, Supervised, light, open, clean, modern shopping centre type toilets; Vandalism is a product of boredom ; Art galleries, balconies, cyber cafes and information points. A school 'wardrobe' not a uniform; facilities to be used for both curriculum and community use, open access for all, including different cultural and religious groups.

Learning Spaces



DET Victoria - pedagogy-space learning settings





Hackney Learning Portal

Shireland Language College Up to Shireland Learning Gateway My Site

Home My Email My Assignments Connexions

Good morning, TeacherA

Student resources

- Useful documents
- Pictures
- Discussion
- Student Planner
- Big Bite Canteen
- Student Council

Student Groupings

- Brindley
- Chance
- Kennick
- Telford
- Sixth Form

Help Section

- Help files
- Report offensive email
- Request new password

art and design

Hackney Learning Portal

Log in to the Anti-Bullying site for details

Student News

Boys Basketball 05/01/2007 13:55
by Mr L. Philpotts
Year 7 boys basketball has now changed to a Tuesday after school due to staff meetings. Matches will remain on Thursday.

Year 10 Vocational Language Exams this Thursday 05/01/2007 10:03
by Mr R. WEST-SOLEY
Year 10 vocational languages exams will take place on Thursday 11th January from 11.00 till 3.05, on the World Languages floor. See lists attached for details.

Girls Basketball 04/01/2007 13:11
by Mr L. Philpotts
Girls Basketball will take place on Monday and Wednesday night after school for years 7, 8 & 9 with Miss Insley. If you want to be in the team come down to Hadley at 3:15PM with correct kit.

Student Council Connexions Sub Committee 04/01/2007 12:45
by Mr J Lonsdale
This is a new sub committee that has been set up to enable students to have a voice in how the Connexions Service is run in Shirelands. Have a

SPELLING BEE HIGH SCORE

1	Jagminder GILL	9979
2	Yusuf AHMAD	9975
3	Jagminder GILL	9960
4	Jagminder GILL	9951
5	Jagminder GILL	9946

THINK YOU CAN DO BETTER?

BLOCKBRIDGERS HIGHSCORE

1	Jagminder GILL	99764
2	Jagminder GILL	99764
3	Kamaldeep GILL	99744
4	Kamaldeep GILL	99728

- Borough-wide portal
- A key behaviour management tool
- Accessible through any connected device
- All learning content and school records in one place

Summary



- IT in the home will drive IT in Education
- World class education is an imperative for competing in a global economy
- IT can help drive the UK to be a knowledge based economy

Journeys need destinations!



How do I get there and what does it look like?



Day in the life
scenarios

(Click on link to view detailed day in the life scenario.)

Pathways for Change—Two possible definitions



Which characterises your school?

• Teacher (T) Route

T-Route Head teachers believe the current school model will form the basis of future schools.

- Subjects are delivered through a timetable of lessons. Key skills are delivered through subjects and specific courses.
- Learners are primarily organised into year groups. Learner ability is recognised through setting arrangements.
- Learners are engaged in a range of learning methods. The most common is likely to be provided through classrooms, with a teacher managing the content.

• Pupil (P) Route

P-Route Head teachers feel current school models may be impeding the progress of learners, believing that education should be transformed.

- The curriculum focuses on learner capabilities, desired skills and aptitudes, rather than subject-specific content.
- Learners work in multi-age and multi-stage environments, supporting a wider range of course provision, based on the ability to achieve.
- Learning methods still include classroom teaching but the most common approach is likely to involve longer periods of self-organised or problem-based work.

Pathways for Change – The Routes



T – Route. Teachers personalise the curriculum FOR students

- Logical progression from differentiation
- Teacher provided with the tools to personalise content including
 - Excellent ICT resources
 - Electronic whiteboards to improve teaching
 - Excellent tracking data to accurately work out what is appropriate for the pupil
- Different approaches recognise different learning styles
- Learning Platform is used to match content to individual.



Full explanation of
T Route School

P – Route. Students personalise their own curriculum

- The learning tools are given to the pupil
- The teacher still essential but in mentoring, challenging, facilitating and supporting roles
- Courses in all of the subjects can still be offered but the focus is on the skills acquired rather than the content used as a vehicle.
- New structures of schools to ensure that progress is made by all without needing to be taught in classrooms of 30



Full explanation of
P-Route School

Transformation



- 5 Year 'transition' period of Change
Management based on agile, enlightened partnership between public and private sectors
- Test modelling on new teaching and learning approaches in new environments
- Huge programme of CPD for teachers and school staff
- New forms of Governance



The best way to predict the future
is to invent it

Thanks to Microsoft UK, Cambridge Education, and others for all content