

ICT as a Key to Personalised Learning

ICT Strategy in Northern Ireland

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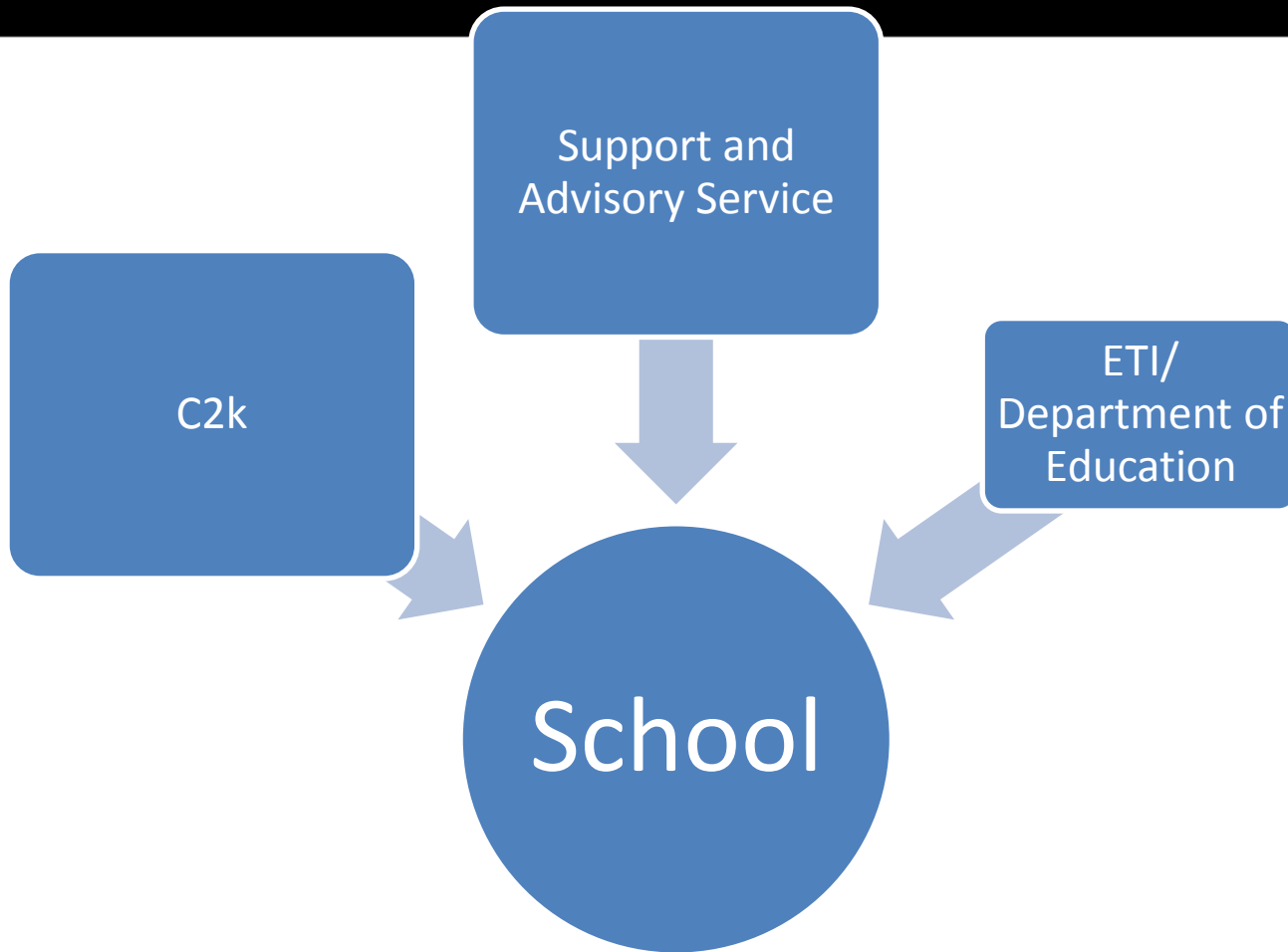
The school system

Age	Statutory Curriculum	Schools	
4 – 6	Foundation Stage	Primary School	
6 – 8	Key Stage 1		
8 - 11	Key Stage 2		
11 - 14	Key Stage 3	High School/ Grammar School/ College	Secondary School
14 - 16	Key Stage 4		College of Further Education
16 - 18	Post 16		

The Statutory Curriculum

Aim	To empower young people to achieve their potential and to make informed and responsible and informed decisions throughout their lives		
Objectives	To develop the young person as an individual	To develop the young person as a contributor to society	To develop the young person as a contributor to the economy and the environment
Cross Curricular Skills	Communication	Using maths	Using ICT
Thinking Skills and Personal Capabilities	Managing Information	Thinking, Problem Solving, Decision Making	Being Creative
	Working with Others	Self Management	
Areas of Learning			
Assessment for Learning	Sharing learning intentions	Negotiating success criteria	Peer and self assessment

Supporting schools with ICT



emPowering Schools Strategy 2003

- Enhancing practice for learners
- Enhancing professional practice for teachers and leaders
- Enhancing professional support services for schools
- Innovating the infrastructure, the connectivity and the school estate

emPowering Schools II

- School Leadership
- Teacher Development
- Pupils – Learning and Engagement
- Home – School Links
- Developing the Infrastructure

Using ICT

Administration	Learning
Data management	The 5 Es
Monitoring attendance	Educational technology such as interactive whiteboards
Monitoring behaviour	Embedding ICT into pedagogy
Assessment results	Entitlement Framework (accessing curriculum content outside the school)
Reporting	

The 5 Es

Explore

- access and manage data and information;
- research, select, process and

Express

- create, develop, present and publish ideas and information using a range of digital media;

Exchange

- communicate using a range of contemporary methods and tools;
- share, collaborate, exchange and develop ideas digitally

Evaluate

Exhibit

- manage and present their stored work;
- showcase their learning across the curriculum.

Interactive Whiteboards



- Used extensively in Primary Schools
 - The focus is on the interactive
 - The physical interaction with the board helps motivate children
 - Encourages conversation, discussion, agreement
 - Used with both teacher created materials, interactive software and multimedia websites
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- Can have a negative impact on the quality of teaching and learning
 - Teachers can feel very vulnerable
 - Teachers need to invest time in developing their skills
 - Requires planning and preparation
 - What happens when it breaks down?

Changing the Pedagogy



“In Education new technologies are used to reinforce outmoded approaches to learning” –
Prof. Mitchel Resnick MIT Lifelong Kindergarten Group

Ask the right kind of questions – searching versus researching



“Teachers should be able to understand where and how new technologies add value to learning”

Marc Prensky, Emerging Technologies for Learning, Becta 2007