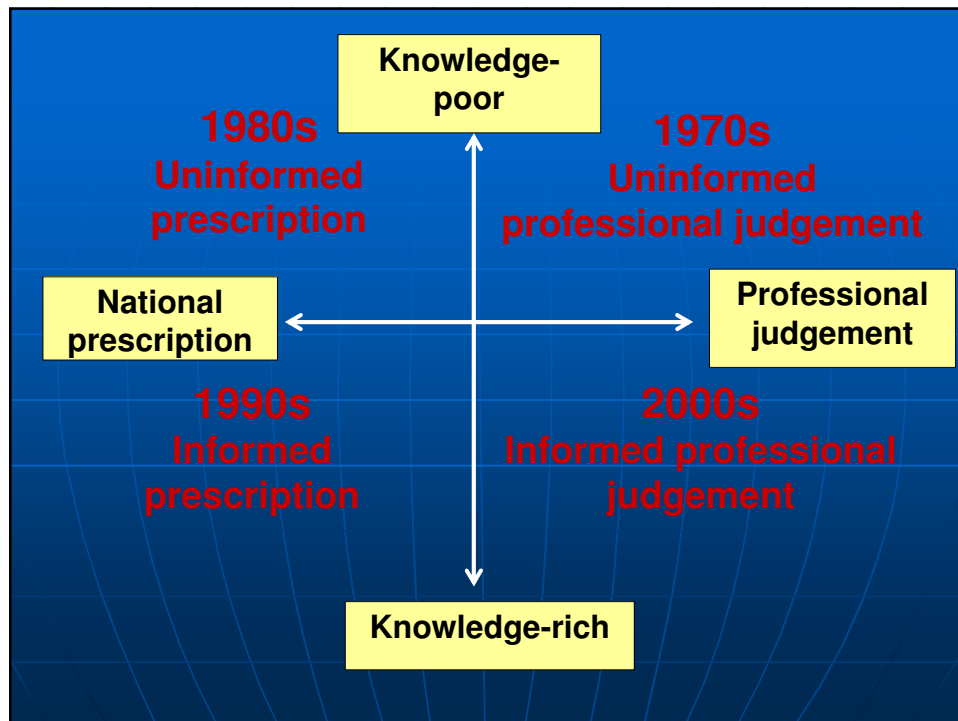An Overview of the Potential, Constraints and Experience of Developing a Coherent Strategy for the Use of Informatics to Raise Learning Standards in Secondary Schools Based on UK Custom and Practice.

W. David Hughes

deltahugs@aol.com

Knowledge-poor

1980s
Uninformed prescription

1970s
Uninformed professional judgement

National prescription

Professional judgement

1990s
Informed prescription

2000s
Informed professional judgement

Knowledge-rich

Constraints

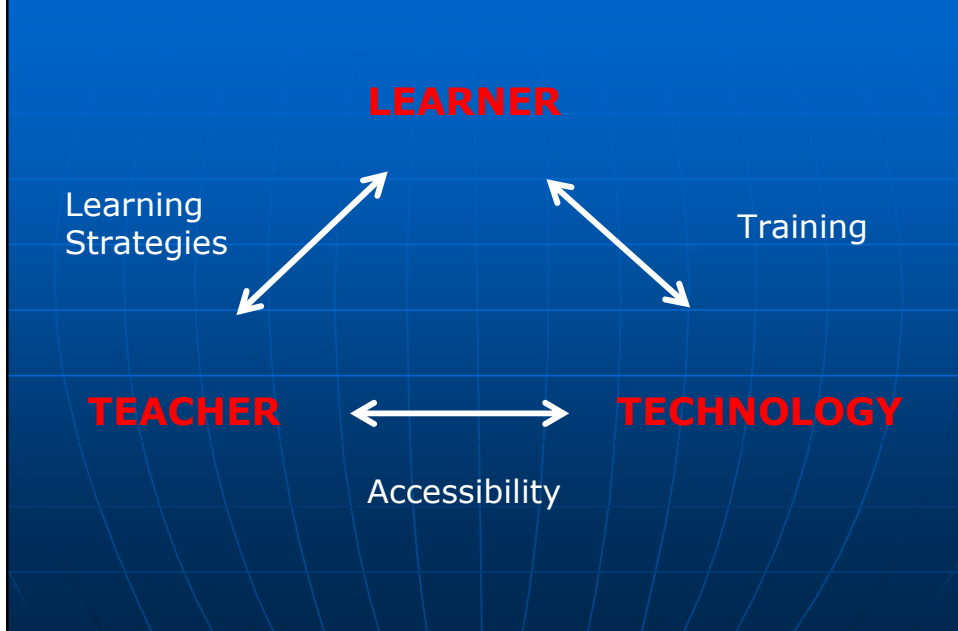| Technical Constraints	Pedagogical Issues
Hardware Availability	Learning Driven Rationale for ICT
Appropriate Connectivity	Learning Related Training
	Appropriate Software
Staff Capability	Collegiate Approach to using ICT to drive up Learning Standards

Simplistic Training Rationale: UK NOF Training

TEACHER COMPETENCE (vertical axis)

TIME (horizontal axis)

Technical Training: Microsoft Applications

Pedagogical use to raise standards in learning in class and beyond

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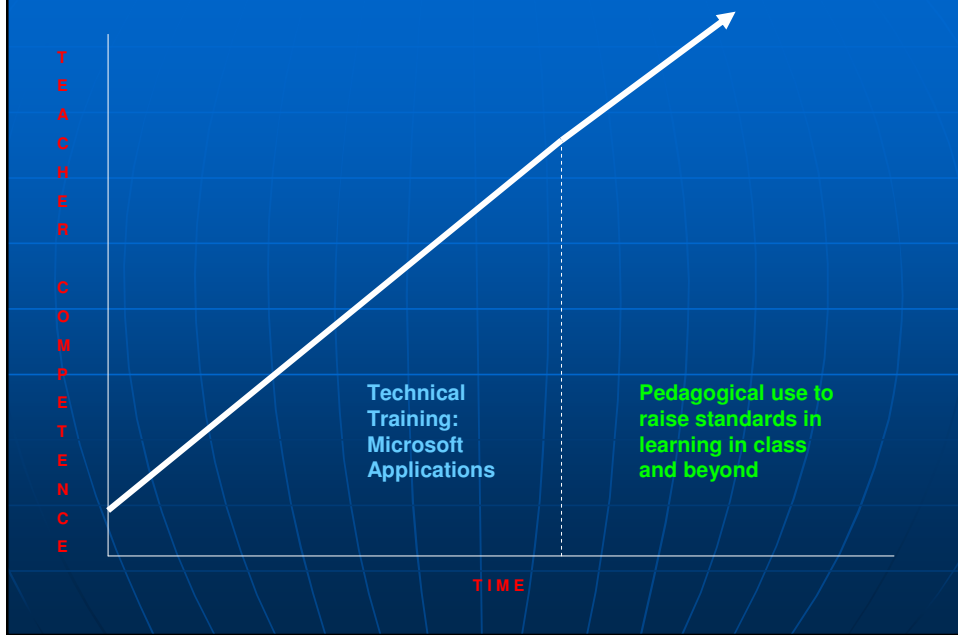
ICT in a Learning Context

LEARNER

Learning Strategies

Training

TEACHER ←——→ TECHNOLOGY

Accessibility
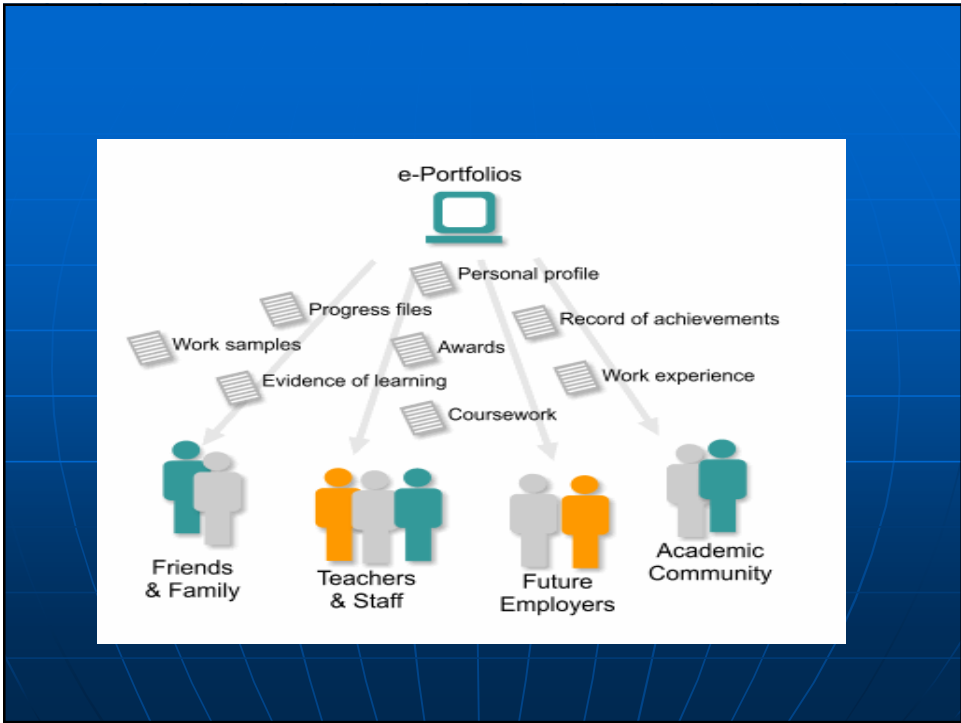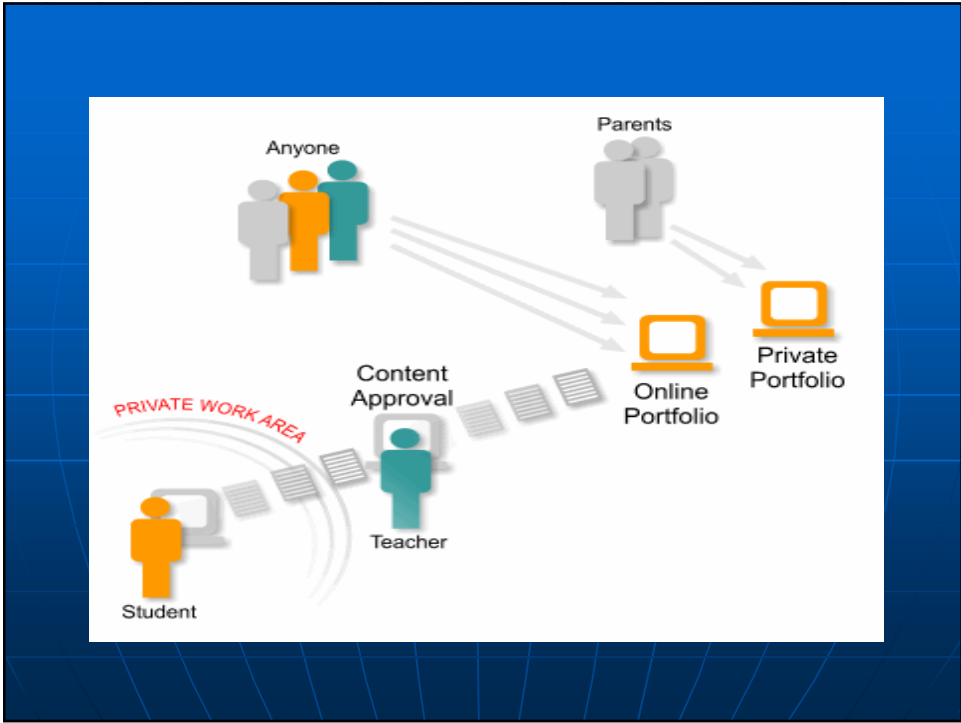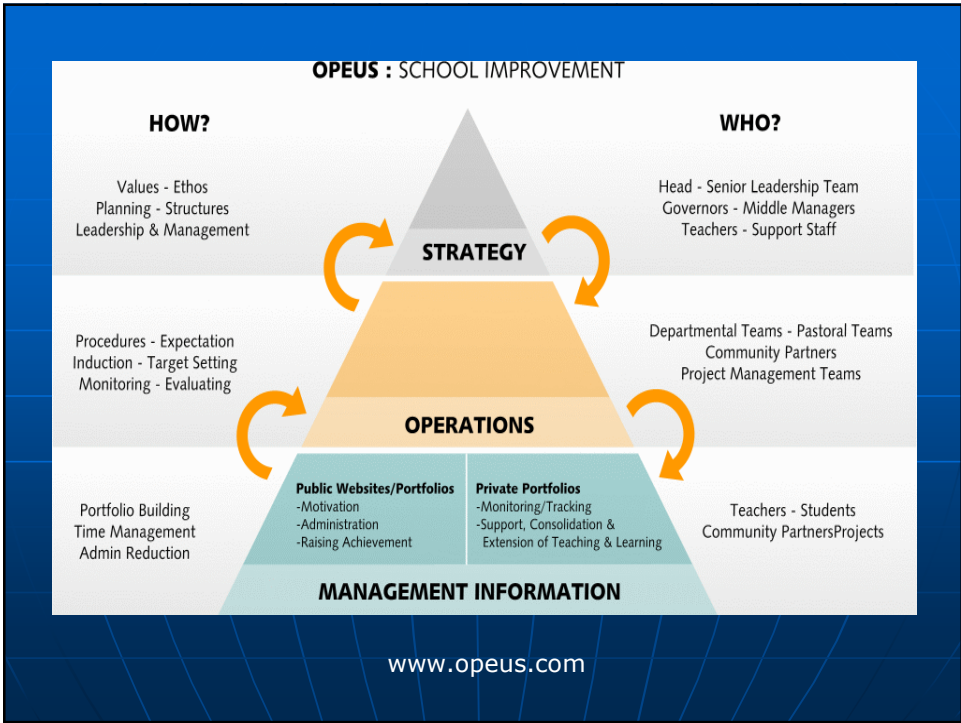
Potential

Learning Focus

Content Led

Process Led

OPEUS : SCHOOL IMPROVEMENT

HOW?   WHO?

Values - Ethos   Head - Senior Leadership Team
Planning - Structures   Governors - Middle Managers
Leadership & Management   Teachers - Support Staff

STRATEGY

Procedures - Expectation   Departmental Teams - Pastoral Teams
Induction - Target Setting   Community Partners
Monitoring - Evaluating   Project Management Teams

OPERATIONS

Portfolio Building   Public Websites/Portfolios   Private Portfolios   Teachers - Students
Time Management   -Motivation   -Monitoring/Tracking   Community PartnersProjects
Admin Reduction   -Administration   -Support, Consolidation &
                           -Raising Achievement   Extension of Teaching & Learning

MANAGEMENT INFORMATION

www.opeus.com

Questions?