

Ensuring good returns on investment when deploying new technologies

**Notes to accompany a
presentation by Mark Baker of
Education Vision Consultancy Ltd
at BETT 2013**



Ensuring good returns on investment when deploying new technologies

This presentation begins with two hypotheses. Firstly that too many school ICT projects fail to deliver sufficient impact. They may yield benefit, but less than could be expected. In other cases no benefit will be gained and in some extreme cases the project may have a negative impact on educational outcomes. The second hypothesis is that whilst there are many environments where people have to work under pressure, schools nevertheless face particular challenges when trying to encourage professional development and change.

The presentation suggests a technology procurement process and explores how the different stages impact on making successful changes in the classroom.

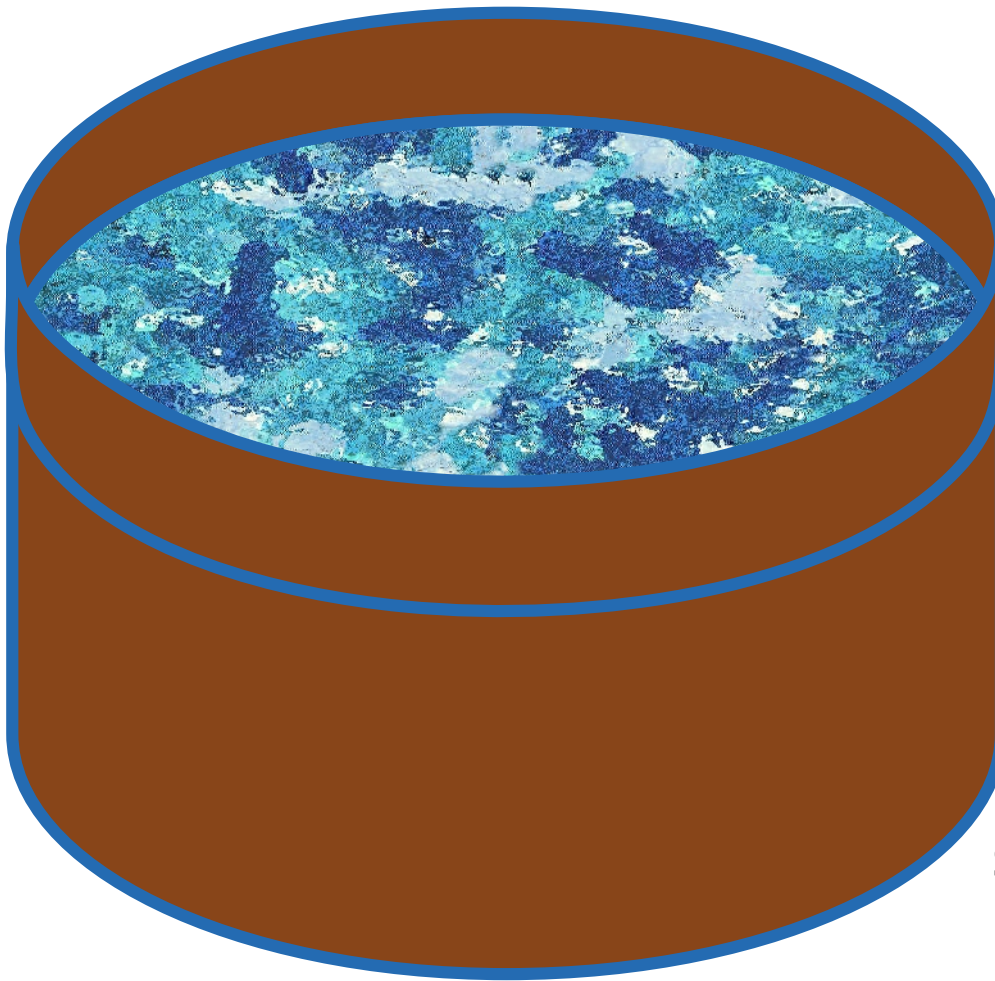
The process can be described by the mnemonic VOSPIR - vision, desired outcomes, success criteria, procure, implement, review.

CPD and support is often a crucial component of success. Needs will change over time, but can include initial functional training, support for initial use and consolidation of skills, professional reflection, leading on to extension of skills and professional practice and finally embedding as a part of "business as usual".

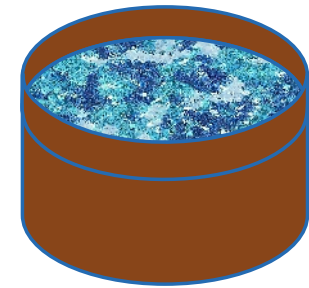
In conclusion, leading and managing ICT projects successfully is summarised in these four bullet points:

- Vision
- Desired outcomes/success criteria
- Effective CPD
- Active management for outcomes

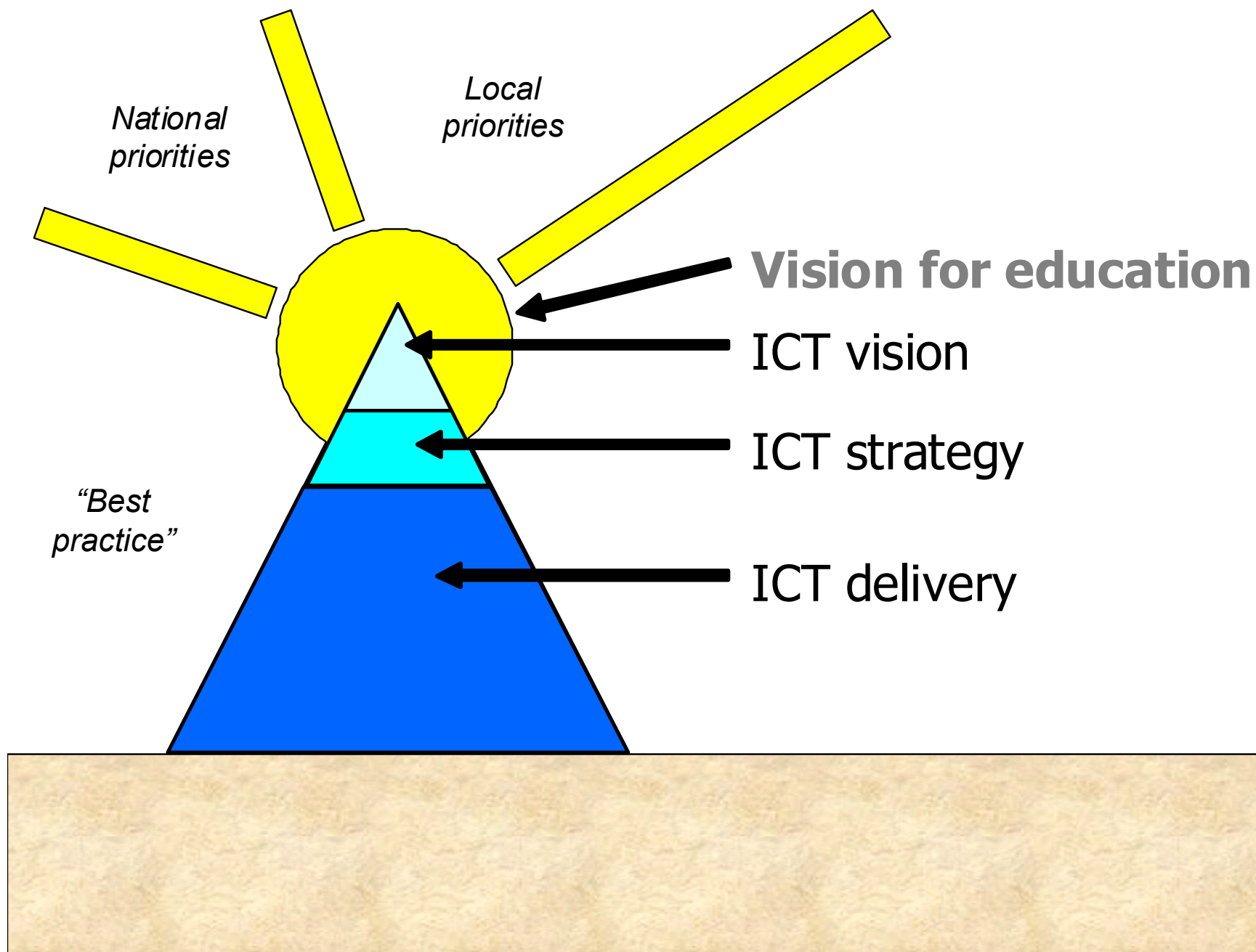
Baker's two pots conjecture

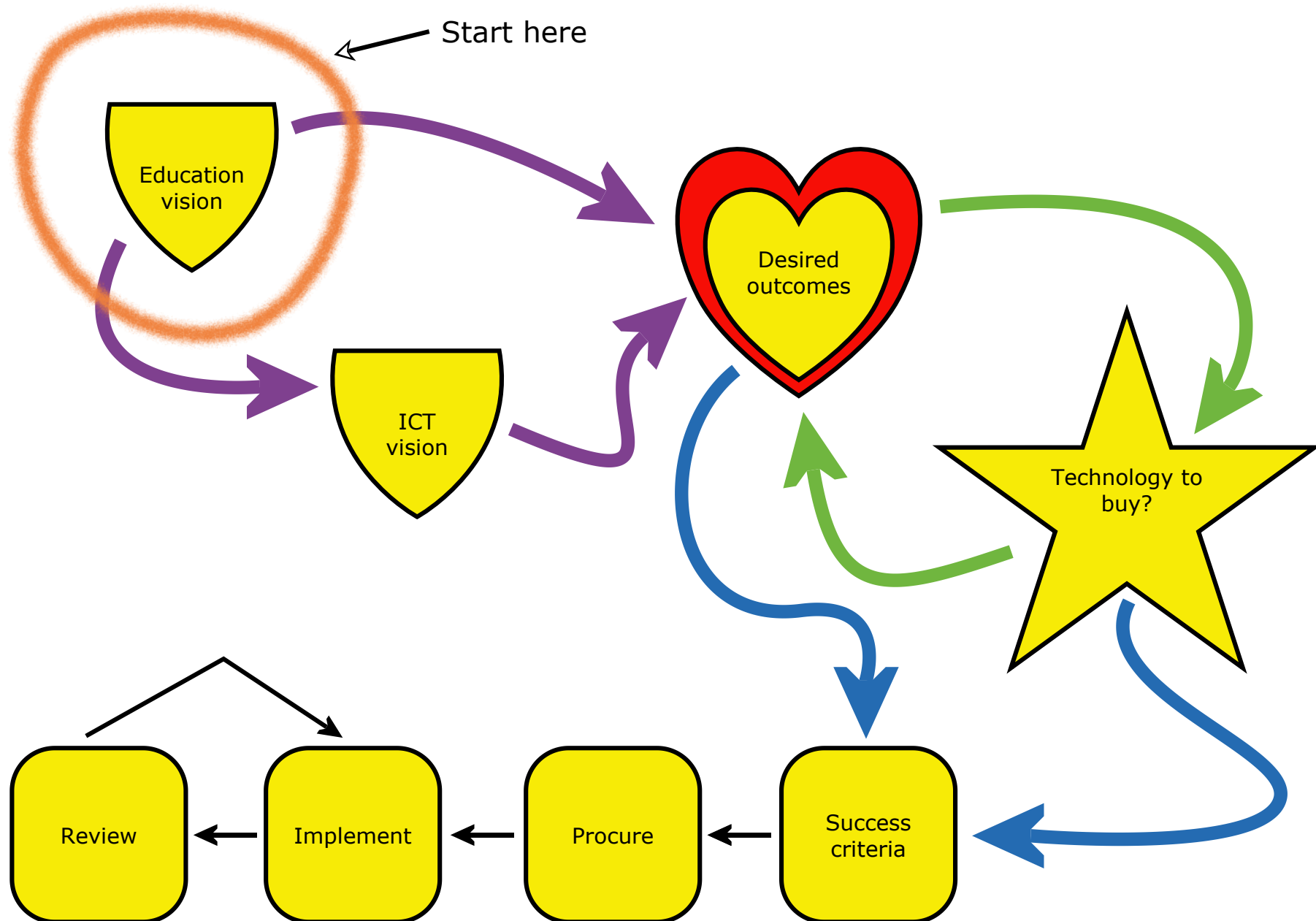


Staff energy and
enthusiasm



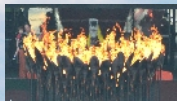
Management
capacity



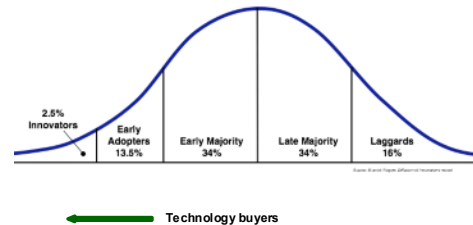


Mnemonic

V	O	S	P	I	R
V	O	S	P	Imp	view



Everett Rogers adoption of innovation model

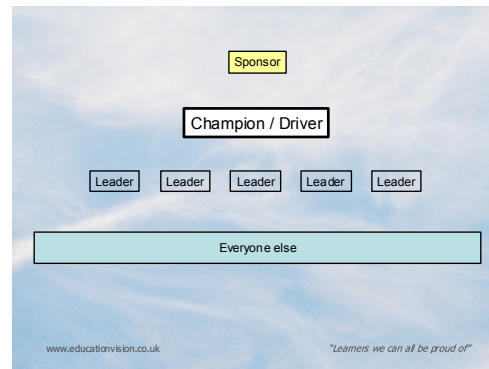


Little hurdles, big impact

Manage risks AND benefits

Implement – lead for success

- Inspire/sell the benefits or the idea
- Communication/expectations
- Lead by example



What about CPD and support?

If it's worth doing, it's worth doing properly

Implement – management

- Manage the risks
- Manage the benefits
- Manage the support
- Manage change
- Maintain momentum
- Manage project changes
- Structure (people)
- Control resources

Manage = Monitor + Assess + Act

Kotter's 8 step model (1995)

- Establish a sense of urgency
- Form a powerful guiding coalition
- Create a vision
- Communicate the vision
- Empower others to act on the vision
- Plan for and create short-term wins
- Consolidate improvements and produce still more change
- Institutionalise new approaches

In conclusion

Management for success

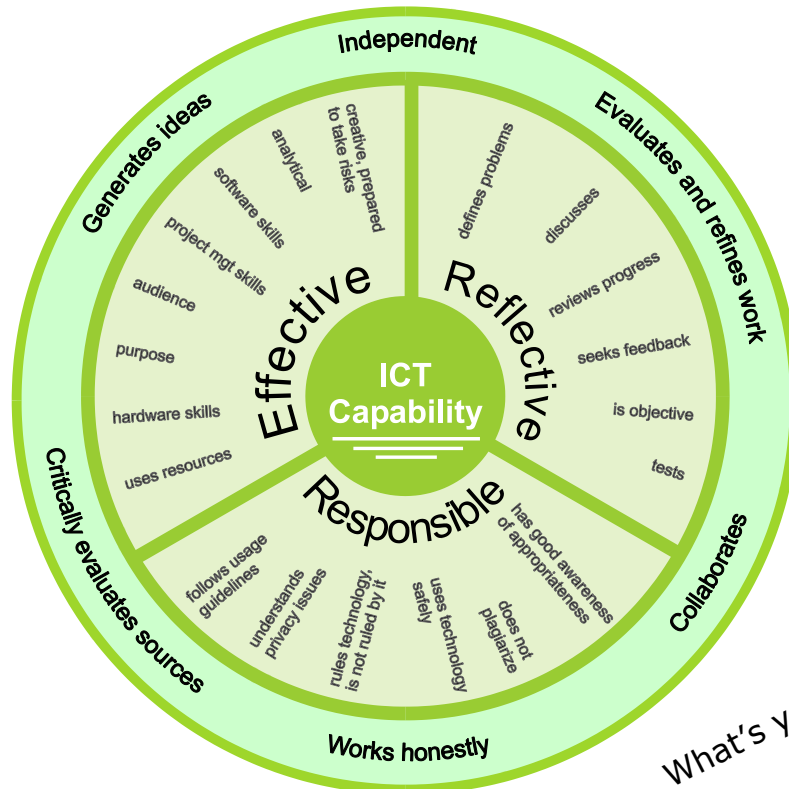
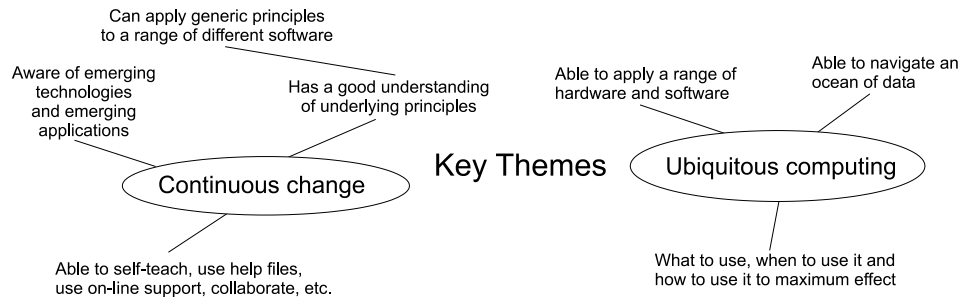
- Vision
- Desired outcomes/success criteria (project focus)
- Effective CPD
- Active management for outcomes

What is a project's time horizon?

Dimensions of change

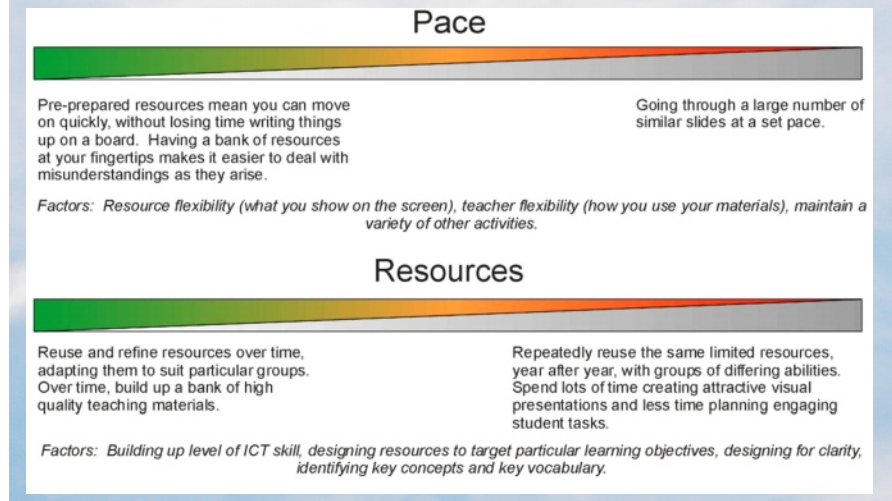


A Personal Vision for ICT © Mark Baker 2011



Technology can enhance learning or detract from it - it all depends on how well it is used.

Data projectors – Enhance/detract



What's your vision for ICT?