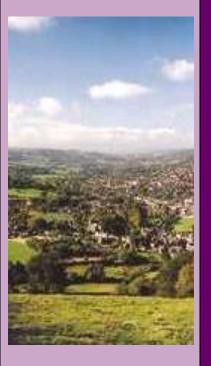
Children and Younger Adults Department







Impact of Visual Learning

(Action Research in Adult Community Learning)

'A Picture Is Worth A Thousand Words'

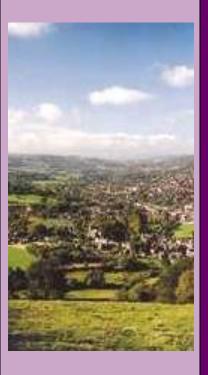
Maureen Frazer and Vikki Trace

Derbyshire Adult Community Education Service

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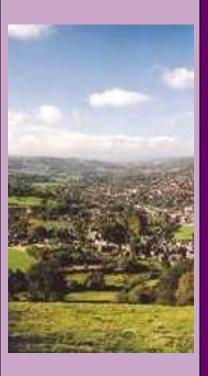
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Background

- Largest provider of part-time adult learning within Derbyshire
- Approx 2,600 courses with over 28,910 enrolments across 15 SSA to include Family Learning and Foundation Learning
- 60% of enrolments are on accredited courses
- 23 main centres 100+ outreach venues
- 400+ part-time tutors
- Major restructure
- CWDW (Changing the Way Derbyshire Works)

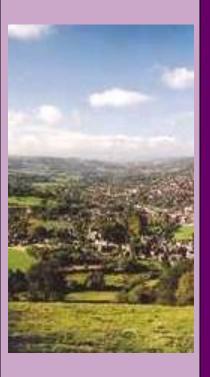
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Research Methods

- Our main research process was an action research project using supported experiments and joint practice development on the theme of visual learning
- Research ethics: all the people involved were aware that a supported experiment was taking place and knew that their involvement and feedback would be requested. The final paper protects participants anonymity and confidentiality

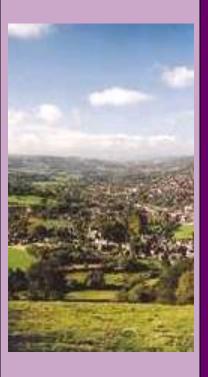
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The Process

- Explore the literature around communities of practice, joint practice development, supported experiments, and influences on learners learning.
- Set up a community of practice (CoP) from DACES tutors, managers; and professional peers
- Share the supported experiment concept with the CoP
- Gain support and commitment from tutors to join the CoP
- Engage the CoP in running supported experiments with appropriate support
- Collect tutor and leaner feedback on the supported experiments
- Disseminate the outcomes of the supported experiments throughout DACES and the wider research community

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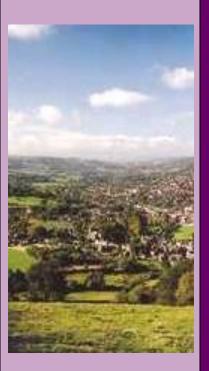


Key Literature

- Buzan, T (2005). The Ultimate book of mind maps Thorsons
- Coffield, F (2008). Just suppose teaching and learning became the first priority – LSN
- Coffield, F (2010). Yes, but what has Semmelweis to do with my professional development as a tutor – LSN
- Fielding M et al (2005) Factors influencing the transfer of good practice. Dfes/DMOS
- Hattie JA (1999) Influences on Student Learning Inaugural Professorial Address, University of Auckland, New Zealand
- Petty G (2008) Evidence Based Teaching/ Nelson Thornes

Derbyshire Council

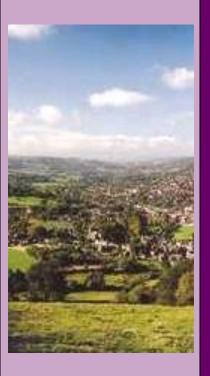
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Data Collection & Analysis

- Data method was predominantly phenomenological using observations, questionnaires, visual and verbal feedback.
- 10 tutors, Change Agents (Mentors, Subject Learning Coaches, e-Learning Champions) and Managers took part in the research projects.
- Of the 10 supported experiments, all opted to introduce technology* to improve their practice (*netbooks, projectors and the MindGenius or Imap software).

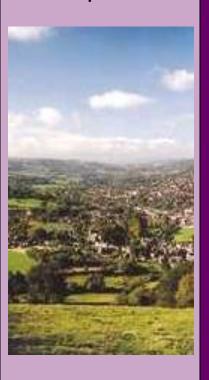
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Findings

- The overall consensus was that the use of the mind maps had added to learner recall and understanding of key concepts
- Images and colour contributed and enabled learners to 'visualise and fix the subjects more clearly in their minds'.
- Activities led to discussions on further use of mind maps in 'everyday' learning and planning situations
- Studies that involved learners with dyslexia produced particularly positive results; - as research indicates that learners with these particular types of difficulties do not normally respond well to information presented in list form and prefer to see information presented pictorially, particular if writing and spelling are issues.
- Learners with dyslexia found using mind maps enabled them to increase the number of strategies to overcome areas of difficulty

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Impact of the Research

Learners

- Increased understanding of key concepts
- Increased results in learner achievement
- Increase in Learner autonomy
- Increased learner involvement in teaching and learning methodology

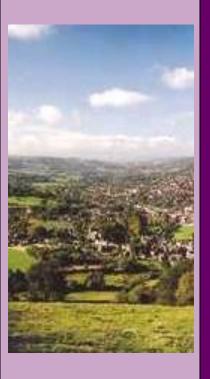
Tutors

- Increase in tutor's use and confidence in using technology within their delivery
- Broader range of CPD activities

Teaching & Learning

- Widening participation and increased measures to meet learner needs (EDI)
- Personalised CPD is effective

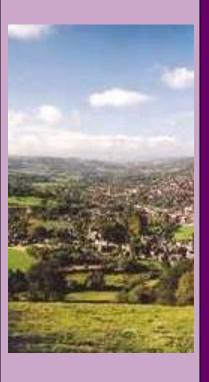
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Recommendations

- Further investment in visual learning software (e.g. MindGenius &/ Imap)
- Continue with future applications for funding to support further CPD development
- Cascade the use of visual learning techniques to a wider selection of courses/curriculum areas
- Ensure that T&L remains high on DACES priorities
- Involve those tutors who have actively participated in this and similar funded projects to cascade knowledge/skills to colleagues
- Expand the current 'Change Agent' team

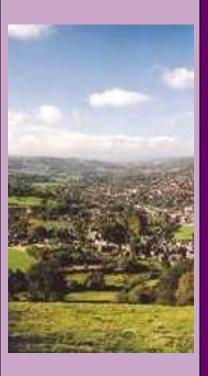
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Next Steps

- DACES have been successful in a recent LSIS bid and now have a further £5,000 of funding to continue to run Supported Experiments and Joint Practice Development projects linked with visual learning and other technologies.
- DACES will continue to pursue projects of this nature as the main CPD method as opposed to the previous staff development cascade model.
- DACES will continue to put T&L at the heart of future development.

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Dissemination

- DACES Celebration Event
- DACES Practitioner support networks and PRD groups (EM ACL PRD group, EMFEC, EMCETT)
- The research report and all supporting materials will be accessible to tutors, managers and learners via DACES Moodle Learning Platform
- The research report will be made available and shared with the local and wider community



'Impact of Visual trace artining'

(Action Research in Adult Community Learning)



Maure en Frazer De rbys hire Adult Community Education Service

1 - Introduction

A Picture is Worth A Thousand Words

This research fluor trans how Derbyshire doubt Community Education Service (D.A.CES) store, were given the opportunity to take part in

John Practice De velop mentand Supported Experiment opportunities using the theme of visual learning and how participation in these projects impacted on their own practice, CPD and on DICES learners.

DODE 9 has experienced a major restructure and is facing significant challenges with "Changing the way Derbyshire Works" (C WDW) and the general assembly measures in the education sector. The organisation is constantly looking for efficiencies whilets till at lying to maintain and improve the gualty of its teaching provision. The research was confided out in this setting.

8 - Dissemination

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- Dác 89 Praction en au goart inenviorisa and PRID groups (Shi ác LIPRID group, Shi FEC, Shi STT)
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2 - Research Methods

The principal methodology was action research using Supported Experiments (SE) and Joint Practice Development (JPD).

Research effice: all participants were aware that research was taking place and knew that their involvement and feedback would be requested. The final gager will protect participants anonymity and confernables.

DACES Research Process was for

Explore the iterature around the use of IPO, concept mapping, visual names area for, and the effection learners.

Set up a community of practice (CoP) from D&CES store, managers; and professional geens.

Set up training on the use of visual methodologies, and provide an overview of JPD & SE.

Engage the CoP in running Supported Experiments - with appropriate autoport.

Collect stor and learner feedback on the Supported Experiments, write a renortand discerning to the findings.

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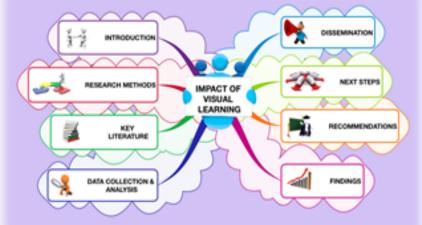
Hade J & (1999) influences on Student Learning Inaugural Professional Address, University of Auckland, New Zealand

Petr G (2006) Syldence Sazed Teaching Nelson Thomas

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www.mindgenius.com - www.shinkbu.zan.com www.learning-tech.co.uk/

Multisen sory. Learning - www.excellencegareway.org.uk



4 - The Projects

Data method is saigne dominantly igheno meno logica i using obsiencations, guestionnaireis, visiusian diverbalite disack.

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A selection of experiments:

- SE = A finess storiusing mindres pain the descroom to aid learner amening with compiler boneand muscle group.
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For further information contact Maureen Finzer - email: maureen frazerió deb valure do vulk

7 - Next Steps

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