Reducing Transport Dependency Through e-learning and Peripatetic Delivery

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Context

- Lincolnshire is the 4th largest English county.
- One of the most sparsely populated with only 116 people per km^2
- 0-14 yrs: 113,071 people
- 15 – 19 yrs: 45,149 people (2007 mid year census)
- 65% of villages have no school (and declining) & 45% no pub

Education Transport Profile

- Approx 23000 pupils and students transported each day as follows:
- Taxis (4-8seats): 2568
- Mini/Midi bus (9-35 seats): 2553
- Tail Lift: 90
- Single/Double Deckers: 16953
- Train: 301
- Private Travel: 309

Only 25% are able travel on existing commercial services, with 56% needing dedicated contracts

Infrastructure

- Students and pupils frequently wait in remote areas for transport to arrive where travel information is not available at point of use.

Infrastructure Continued…

- Where shelters are provided they may be in disrepair, unlit and isolated.

Transport Network

- Generally old bus fleets are used to provide college and school runs and the same vehicles are used to provide off peak local bus services.
- One national operator.
- Commercial network underpinned by education transport
- Poor bus infrastructure

The Rural Issues for Students

Impression of transport is very often formed as far back as their school bus experience to primary school.

Journey times may be over 3 hours a day.

Multiple journeys may be undertaken in one day.

Not only take up and retention considerations, but also missed tutorials or classes.

Weather considerations

Reliability and punctuality

Issues Continued…

- Lack of flexibility (very often a bus at the start and finish of college only)
- Safety Perception
- Modal shift to cars at 17
- Cost

Considerations

- Amount spent on offsite provision
- Sustainability of school funding
- Methods of funding
- Impact of students using EMA to fund transport
- Establishments plan course schedules in view of rural transport considerations

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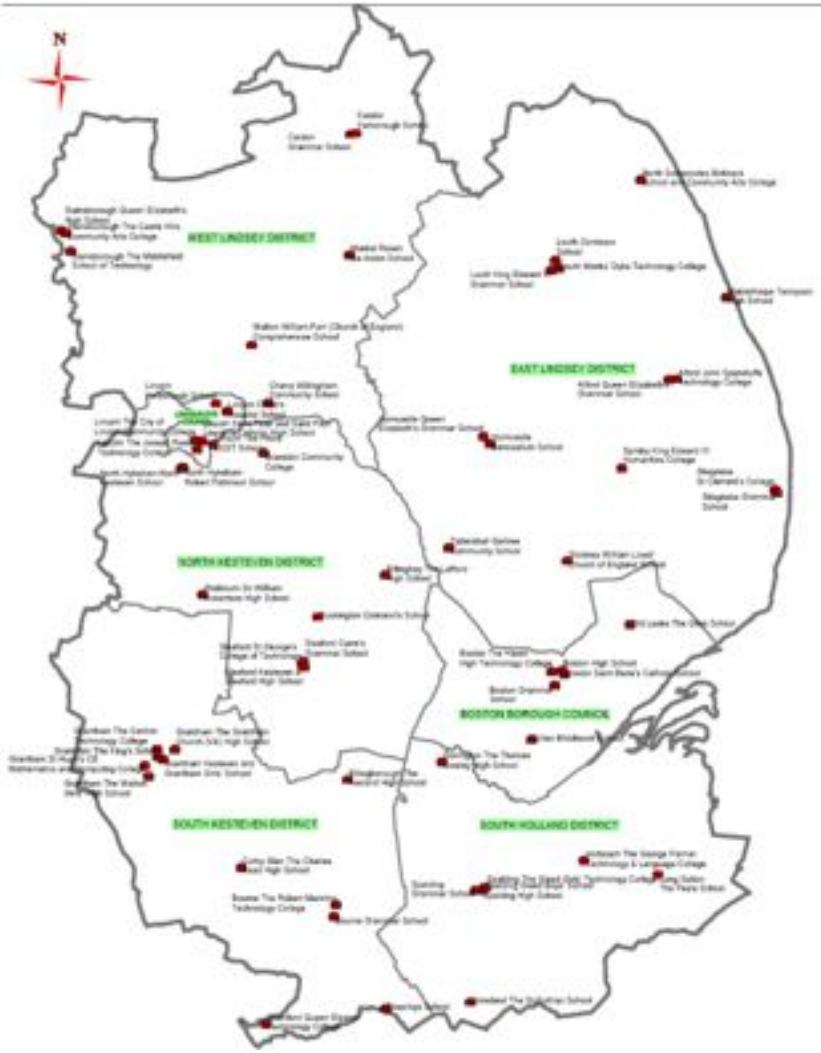
Travel to Learn Areas



LINCOLNSHIRE 14-19 PROVIDERS

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Be Healthy · Stay Safe · Enjoy and Achieve · Make a Positive Contribution · Economic well Being

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14-19 Pathways 2013

18 +

- Higher Education
- Employment
- Further Education
- Employment With Training
- Apprentice-ships

16 +

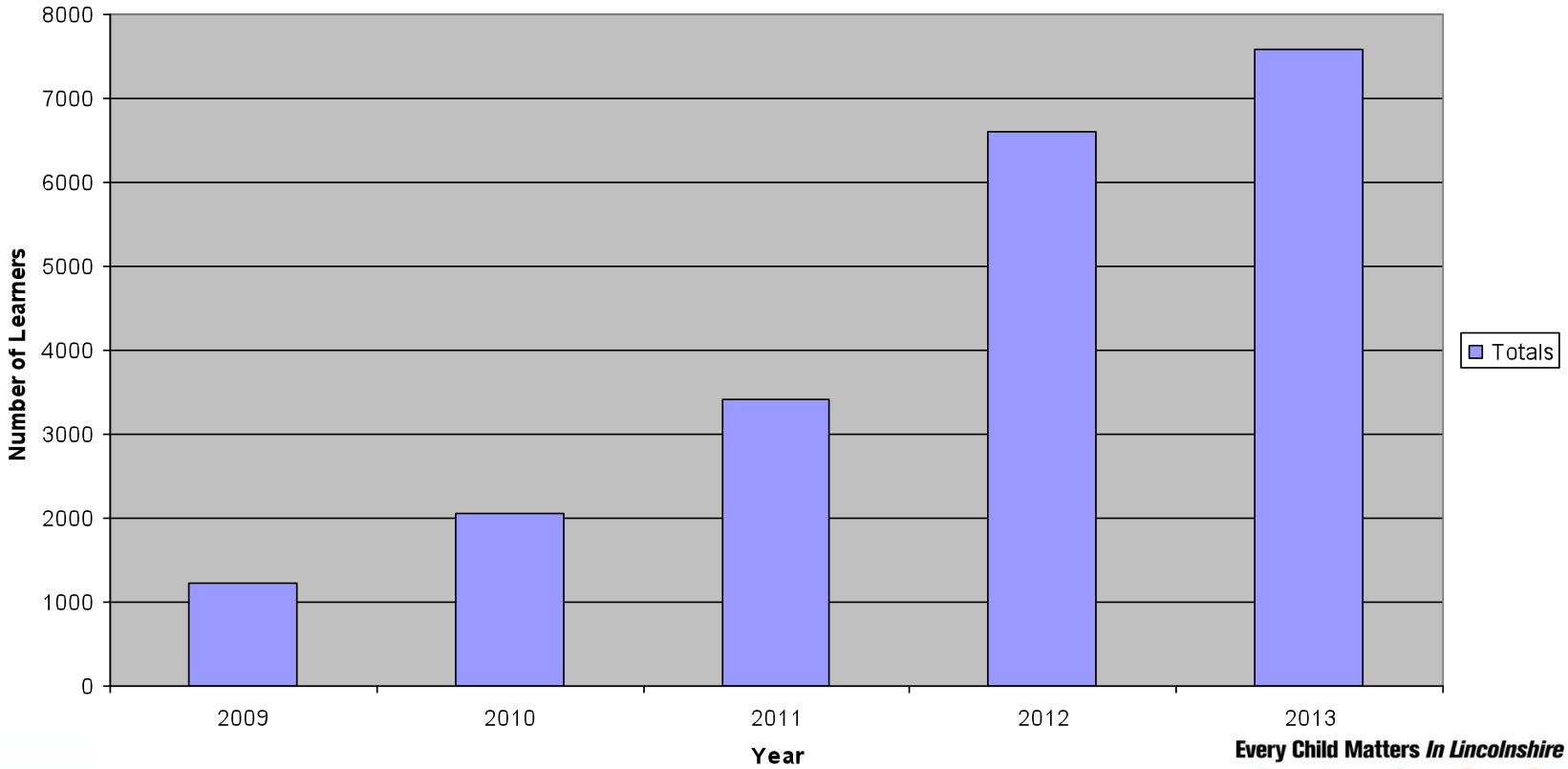
- General
- Diplomas
- Foundation Learning
- Employment With Training
- Apprentice-ships

14 +

- General
- Diplomas
- Foundation Learning
- Occupational

Number of Learners (Actual and Predicted) on Diploma Courses

Total Actual and Estimated Number of Diploma Places Available (14-16) 2009 - 2013



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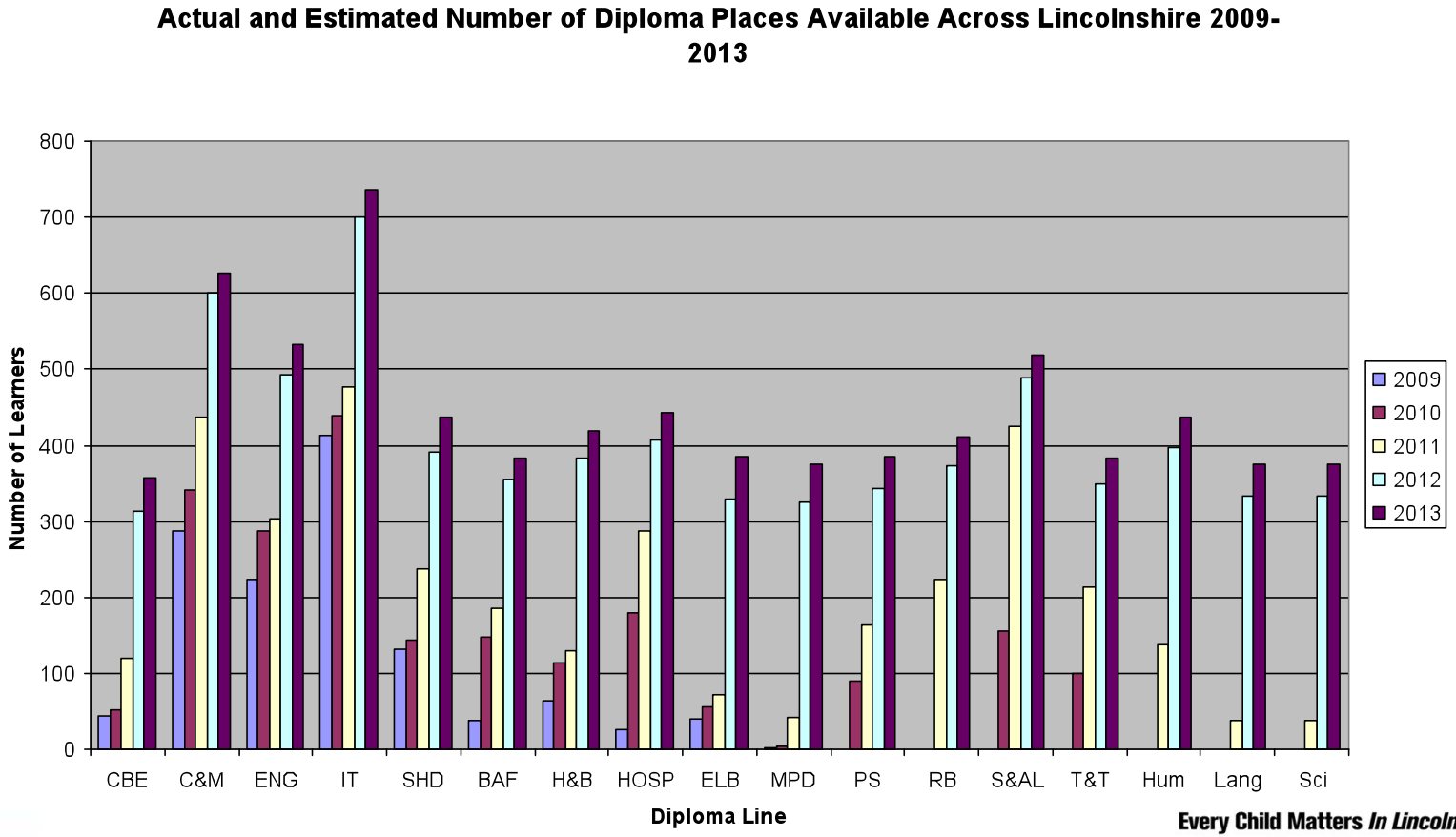
Number of Learners (Actual and Predicted) on Diploma Courses



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Partnership Plans for Delivery 2010

Partnership	CBE	C&M	ENG	IT	SHD	BAF	H&B	HOS	ELB	MPD	PS	RB	SAL	TT
BSD		■		■	■	■	■	■	■		■		■	
Boston	■	■	■	■			■	■				■		
Gainsborough		■	■	■		■								
Grantham	■	■	■	■	■	■	■	■		■				
Lincoln			■			■							■	
Lincs East	■		■	■			■	■	■				■	■
Sleaford	■	■	■	■	■	■	■	■						
South Holland	■	■	■	■	■	■	■	■	■	■	■	■		■
Wolds	■	■	■	■	■		■	■	■					■

Delivery Solutions

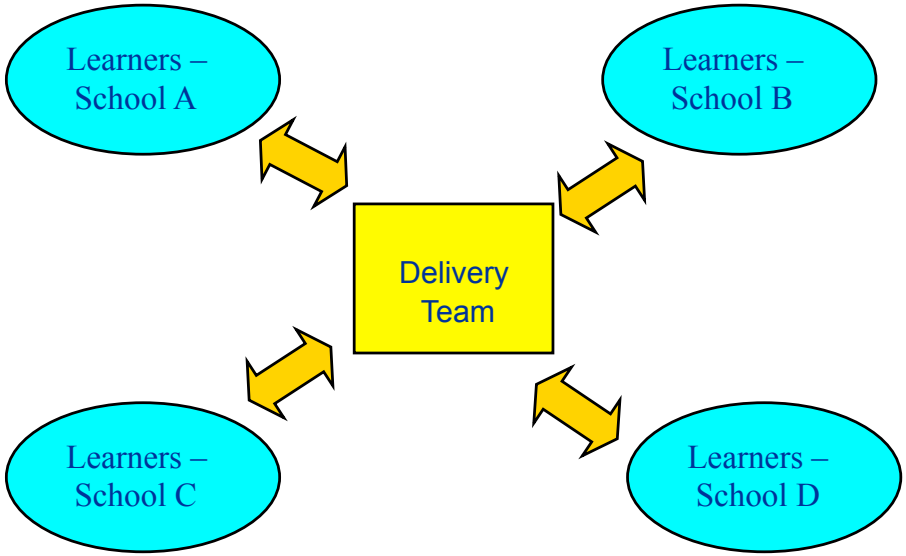
- High Definition Video Conferencing
- Learning Platforms (Virtual Learning Environment)
- Skills Centres
- Peripatetic Teaching
- Joint appointments
- Mobile Facilities

Delivery Solutions

High Definition Video Conferencing

(Used for both teaching and employer engagement activities)

Model A – Delivery staff remain in one institution



Delivery Solutions

High Definition Video Conferencing

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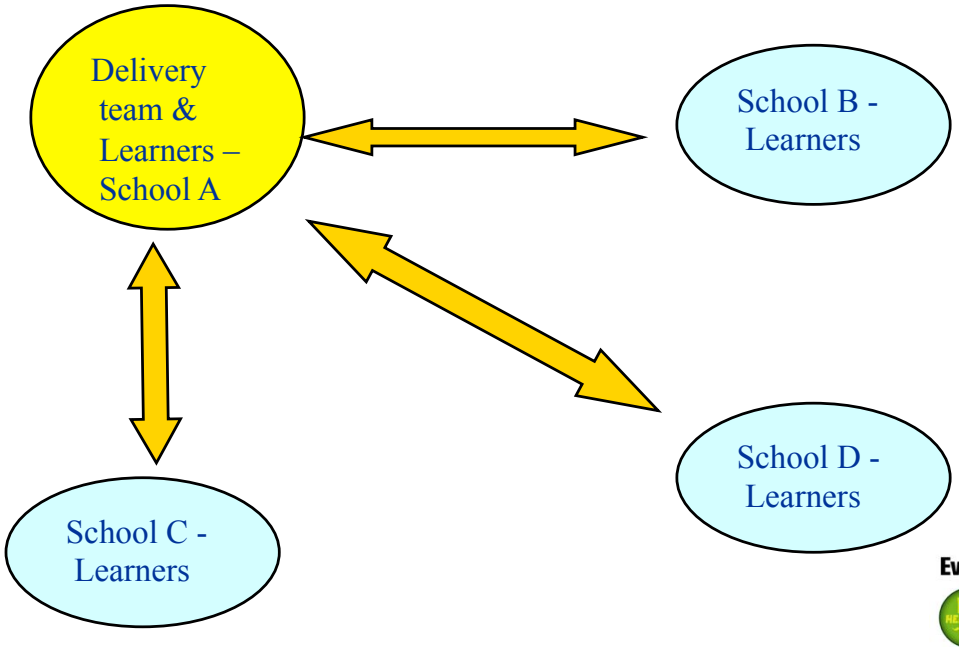
Model B – Delivery staff move between institutions Week 1

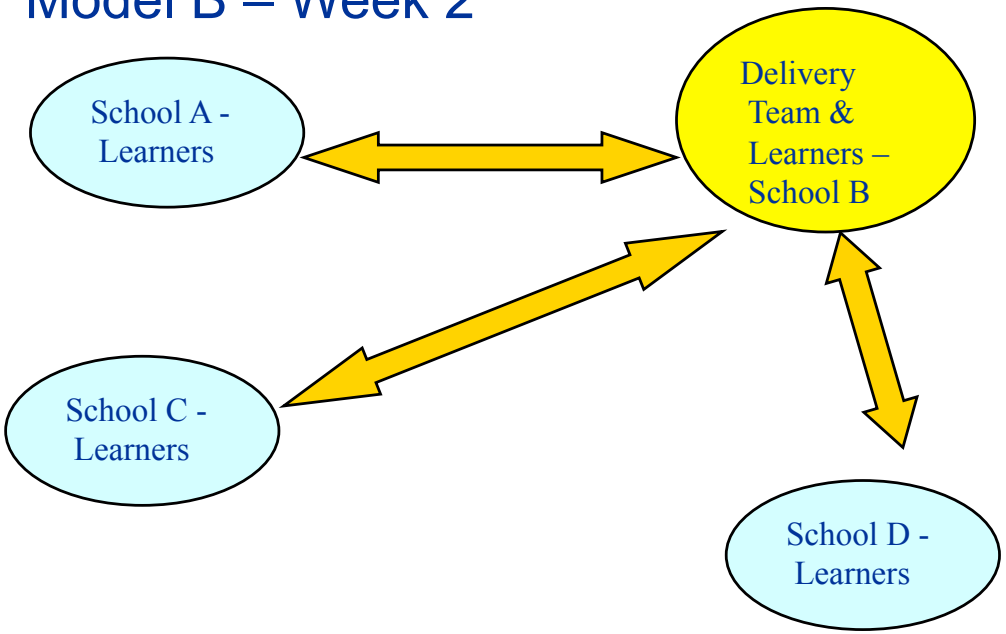


Delivery Solutions

High Definition Video Conferencing

(Used for both teaching and employer engagement activities)

Model B – Week 2



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Delivery Solutions

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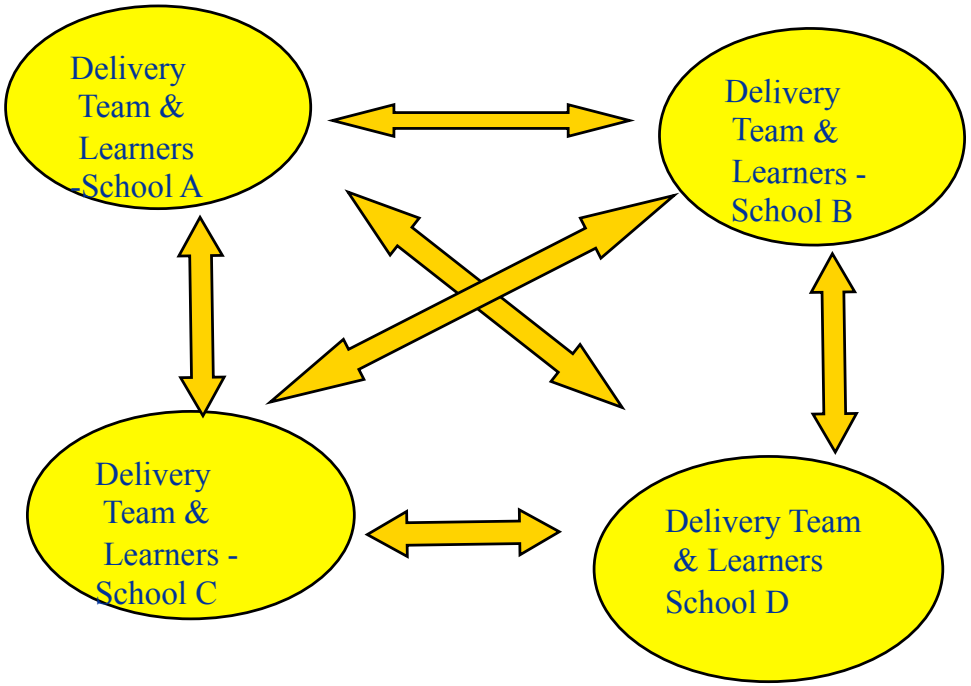
Model C Multiple Delivery Teams across a Partnership



Other Solutions

- Skills Centres - One already established. Staffed by peripatetic teachers. Two more planned – Lincs East & Bourne Stamford & Deepings.
- Mobile Facilities – Capital funding used to purchase specialist equipment
- Joint Appointments – Being discussed
- Learning Platform – Countywide feasibility study undertaken. U-explore in 30 schools. Virtual Learning Environments being developed on partnership basis

2013

Innovation and collaboration will strongly contribute to addressing flexibility issues and providing choice for students.

Sustainable and cost effective methods will be trialled to create suitable solutions.