

REPORT TO: EDUCATION COMMITTEE – 16 FEBRUARY 2004

REPORT ON: DETERMINED TO SUCCEED FUNDING

REPORT BY: DIRECTOR OF EDUCATION

REPORT NO: 142-2004

1.0 PURPOSE OF REPORT

- 1.1 The Scottish Executive Report 'Determined to Succeed' outlined a strategy for the development of enterprise in education in Scottish schools. A number of Education Authorities were invited by the Scottish Executive to bid for additional funding to develop enterprise education. Dundee City Council has now developed a plan for enterprise education which meets Scottish Executive criteria and has accordingly been offered £800,973 over three years to implement the plan.

2.0 RECOMMENDATIONS

- 2.1 The Education Committee is recommended to:
- i) Approve the Plan for Enterprise in Education set out in Appendix I
 - ii) Confirm the acceptance of the grant of £800,973 from the Scottish Executive
- and
- iii) instruct the Director of Education to implement the Plan for Enterprise in Education and to provide updates to the Education Committee as appropriate.

3.0 FINANCIAL IMPLICATIONS

- 3.1 Funding to support the implementation of the Enterprise in Education Plan will be provided by Scottish Executive as follows;

2003/2004	£334,771
2004/2005	£233,101
2005/2006	£233,101

4.0 LOCAL AGENDA 21 IMPLICATIONS

- 4.1 Nil

5.0 EQUAL OPPORTUNITIES IMPLICATIONS

- 5.1 A key element of the development of Enterprise in Education is to ensure that all pupils experience enterprise activities and develop enterprise skills throughout their school career. This is designed to provide all pupils with the flexible skills and knowledge which will equip them for employment in the employment market of the future.

6.0 REPORT

- 6.1 Enterprise in Education has traditionally focused on pupils in the later stages of the secondary school. Key elements have included work experience, guidance on careers and the world of work and opportunities to take part in mini enterprise activities including the design and manufacture of small products.
- 6.2 For a number of years Dundee City Council Education Department has been developing and expanding Enterprise in Education to provide a wider and more varied range of experiences for pupils in nursery, primary and secondary schools. These activities have been designed to ensure that all pupils experience a range of enterprising activities throughout their school life from nursery through primary and into secondary. They have also broadened the range of activities to include a broader knowledge of the world of work. Pupils will now gain experiences in science, technology, medicine, ICT, design and many other areas relevant to modern industry. Pupils will develop a wider range of skills for employment. These will include personal and interpersonal skills which will help to work flexibly and to be effective team members. Above pupils will be helped to develop the skills which make them 'enterprising learners' in school and in later life.
- 6.3 As a result of the ground breaking work which has been going on in Dundee schools the Dundee City Council Education Department was one of 10 invited to develop a plan for Enterprise in Education which would be supported by Scottish Executive funding.
- 6.3 The plan was based on the development of existing good practice in the City and proposes to use the additional funding to develop and extend that practice for benefit of young people in the City. The plan covers a wide spectrum of activities. The STEM Project introduces young people in primary and secondary schools to Science, Technology, Engineering and Maths through links with the universities and Sensation (Dundee Science Centre). The Apprenticeship Initiative gives pupils in S3 and S4 the opportunity to study practical trades at Dundee College while maintaining the school curriculum. Successful pupils in this programme are guaranteed a local apprenticeship. These are two of a large number of initiatives which the Enterprise in Education Plan will integrate into a coherent programme for all Dundee pupils.
- 6.4 The Enterprise in Education Plan is a result of the strong partnership which has been developed in Dundee between the Dundee City Council , Scottish Enterprise, Careers Scotland, Dundee College, the universities and local businesses and training providers.

7.0 CONCLUSION

- 7.1 The Enterprise in Education Plan provides a very real boost to take forward the innovative work which has been developed in Dundee schools. With the funding from the Scottish Executive experiences in enterprise education can be further developed and made available to all pupils

8.0 CONSULTATION

- 8.1 The Chief Executive, Depute Chief Executive (Support Services), Depute Chief Executive (Finance) and Head Teachers of city schools have been consulted in the preparation of this report.

9.0 BACKGROUND PAPERS

- 9.1 No background papers, as defined by Section 50D of the Local Government (Scotland) Act 1973 (other than any containing confidential or exempt information) were relied on to any material extent in preparing the above report.

Anne Wilson
Director of Education

AW/CDGT

30 January 2004

**Dundee City Council Education Department
Enterprise in Education Plan
September 2003 – June 2004**

Staff Involved

Authority	Glen Taylor, Education Services Manager (GT) Deirde McVean, Senior Quality Improvement Officer (DMcV) Graham Stevenson, Quality Improvement Officer (GS) Stewart Fyffe, Education for Work & Enterprise Coordinator (SF) Enterprise in Education Staff Tutor (to be appointed) (EiE ST)
Schools	Secondary – Enterprise in Education Coordinator (usually DHT with responsibility) PT Guidance with responsibility for Career Education or EfWE Primary – Enterprise in Education Contact (HT or DHT)
Careers Scotland	Anne McDougall, Team Leader, Dundee City Susan Aitken, Enterprise Education Support Officer (EESO) Avril Briscoe, Enterprise in Education Adviser (AB) Gordon McLuckie, Enterprise in Education Adviser responsible for EBBL (GMcL)
businessdynamics	Colin Campbell, Organiser Tayside area (CC)

1. Every pupil from P1 through to S6 must have an entitlement to enterprise activities on an annual basis and, in addition, pupils in S5 and S6 should have an entitlement to case studies based on local or Scottish businesses.

Current Provision	Funding source	Numbers	Proposed Activity 2003-4	Funding source	Milestone/Target to June 2004	Staff Responsible
Enterprise Activity						
Challenge events for primary schools in 2002-3. Almost 300 P6 pupils participated	SEP, Scottish Enterprise Tayside	37 Primaries 300 P6 pupils 45 business people	Maintain level of participation in primary challenge activity. Pilot challenge enterprise event for P3 and cluster social enterprise events for P7/S1.	SEP, EiE	All primary and secondary participate. 120 P3 pupils, 160 P7 and 20 S1. Also 300 P6, 80 business people	EESO. GS EiE ST Planning Group
Primary school pilot of Healthy Eating tuckshop enterprise.	Authority Schools	10 Schools 80 pupils 3 businesses	Roll out healthy Eating Tuckshop enterprise to primary schools	EiE Schools	25 of schools involved 100 P6 and 100 P7 6 businesses	Health Staff Tutor, EESO GS, School EiE contact
			Pilot enterprise event for all P6s or P7s in a school using S6 as facilitators	EiE	60 P7 with 10 S6	EiE ST, ESSO, P7 teachers
In school enterprise activity in Primary schools	In School Enterprise Fund or School Funds	approx 2000 pupils	Promote class enterprise activity within the curriculum	school enterprise fund. Challenge fund	2500 Primary pupils	ESSO, EiE ST Class T
Enterprise and creativity event pilot for S1	Authority £3k	250 pupils 8% S1/2 cohort	Provide Up for Enterprise half-day events for 3 schools.	SEP EiE	500 pupils involved	EESO, EiE ST, School EiE
Young Enterprise companies.	Authority Business	120 S6, 8 schools. 15 business people	Maintain and expand level of activity	Authority Business	150 S6 pupils, 9 schools, 20 business people	SF, School contact
			Develop and pilot 2 Science & Technology Entrepreneurial Challenges for S5/6	EiE	120 -150 pupils 20 business or business students	Sensation, GS, SF
businessdynamics courses for all Secondary schools	Careers Scotland	10 events 300 pupils -15% of S5/6 cohort 40 business	Maintain current level with increased business participation. Offer additional courses at school's request	Careers Scotland EiE	300 pupils Additional 40 pupils 4 - 8 new employers	CC, GS School contact
businessdynamics engineering course for S4 pupils	Careers Scotland	22 pupils 4 employers	Maintain within Technical Education experience to highlight vocational opportunities & qualifications	EiE	30 pupils	CC, GS P Ts Technical

			businessdynamics call centre and/or retail focused courses for S5/6 pupils	EiE	60 pupils 4 -8 employers	CC, GS School EiE contact
In- School Enterprise Fund	Education Business Partnership	All schools allocated £100 in 2001	Allocate enterprise funding to all primary, secondary, special and off-site centres with defined criteria	EiE	41 Primary 10 Secondary 1 Special 4 Off-site	GS, School EiE contact
EfWE Challenge budget has operated under Dundee Education Industry Partnership			Promote entrepreneurial activity in secondary schools e.g. Achievers International, Y E Effective Teams, GlobalScot Entrepreneur via Challenge budget	From Challenge Budget (£10k) as required		SF, GS School EiE contact DEEP
Dundee City STEM Group provided science and technology experiences for primary and secondary pupils	Careers Scotland Authority	Primary 4500 Secondary 1500	Expand range of STEM opportunities through Science in September and Spring into Science	Careers Scotland Authority EiE	STEM experience for 5000 Primary and 2000 Secondary pupils	STEM staff and partners School staff Presenters
Science Summer School for P7	Authority £1k STEM partners	20	Provide Summer School for P7 Saturday morning Masterclasses in Maths (30 S1/2) and Biology (30 S1) Easter school for very able (30 S2)	EiE Royal Society of Edinburgh Setpoint North STEM partners	30 P7 pupils, target socially disadvantaged. 30 S1/2 Maths 30 S1 Biology 30 S2 science	STEM staff and partners
			Develop and pilot 1 or 2 day courses in a. Music, technology and employment opportunities / entrepreneurship. b. Expressive Arts (art, drama) and employment opportunities / entrepreneurship.	EiE	60 S5/6 pupils 10 employers	C Maynes, Expressive Arts Coord. GS, SF

2. All pupils over the age of 14 must have an opportunity for work-based vocational learning linked to accompanying relevant qualifications.
This will require a major commitment from Scotland's employers, working closely with local authorities and secondary schools.

Current Provision	Funding source	Numbers	Proposed Activity 2003-4	Funding source	Milestone/Target by June 2004	Staff Responsible
Construction Crafts Apprenticeship initiative introduced 2002, Dundee College. 13 employers in major companies providing apprenticeship guarantee	Authority SET DEIP Careers Scot SIPS Contract Services Business College	52 S3 13 employers	New cohort into Construction, Introduce Care, Catering and Motor Plan introduction of Retail, Horticulture and ECDL for office work in September 2004	Authority Contract Services SET SIPS ESF Careers Scot Employers EiE College	48 complete SQA Progression Award at Int 2 52 complete SQA Award at Int 1 10 small employers indicating interest	GS, SF, Management Group with College, SET, employers and Careers Scotland
Planning for introduction of Catering/Hospitality pre-apprenticeship for S4 or S5 pupils. Employers contacted but event postponed.			Introduce Catering/Hospitality Pre Apprenticeship for S4/5 pupils . Set up Management group involving employers, education and college	EiE SET College	14 pupils complete SVQ Level 1 Involve 6 - 8 employers	GS, SF Management Group. School contact
Planning for introduction of Motor Vehicle pre-apprenticeship for S4 or S5 pupils. Employer information event and three involved in selection.		5 employers	Introduce Motor Vehicle pre-apprenticeship for S3 pupils. Set up Management group involving employers, education and college	EiE SET College	14 pupils complete C&G progression award Level 1 Involve 10 -15 employers	GS, SF, Management Group. School Contact
Planning for introduction of Care pre-apprenticeship for S4 or S5 pupils. Employer information event.		Education Nursery and Social Work	Introduce Care pre-apprenticeship for S4 pupils towards SVQ Level 2 Set up Management group involving employers, education and college	EiE SET College	40 pupils complete SVQ units. Involve 15-20 employers	GS, SF, Management Group. School Contact
			Plan introduction of Retail, Horticulture and ECDL for office work in September 2004	Authority College	Involve 5 – 10 employers	GS, Dundee College
Hairdressing Initiative pilot with S4 to achieve NVQ Level 1. One employer plus College	SET Employer	10 S4. Nine gain NVQ level 1	Continue pilot as a twilight 4.00 – 5.30 Consolidate and seek involvement of 5 - 10 employers. Set up Steering Group with employers and College.	SET Employer	10 complete NVQ level 1. Involve 5 – 10 employers	GS, SF Employer. School Contact
ECDL pilot	Dundee College Univ of Abertay Authority	25 pupils	Expand pilot to 3 or 4 schools. Provide all schools with software, trainers and register as testing centres.	Authority Dundee College EiE	100 pupils from 4 schools.	Authority CT Coordinator. GS.. School trainer.
Some vocational opportunities for SEBD pupils via extended work experience and Options Group referrals - Ergo, Futures, Explore	SIPS, BNSF, ESF, Special Needs	30 pupils	Expand vocational/training opportunities for SEBD pupils. Including Get Ready for Work with SET and training providers, Skill Force, M Power	SET EiE	30 pupils on Get Ready for Work 20 on M Power 12 Skill Force	GS, SF School EiE Coordinator
All S4 pupils have opportunity for work experience with SQA recognition at Access/Int 1 level. Some pupils also have Int 2 opportunity	Authority Employers	1500 pupils 300 SQA awards 20 at Int 2	Maintain and expand range of placements.	Authority Employers	400 pupils gaining Int 1 award and Int 2 awards	SF, GS School EiE Coordinator

3. All local authorities must design and implement a communications strategy for raising the awareness and commitment of parents and carers to Enterprise in Education.

Current Provision	Funding source	Numbers	Proposed Activity 2003-4	Funding source	Milestone/Target by June 2004	Staff Responsible
Policy and Guidelines with exemplar policies and programmes for Primary & Secondary schools on Education for work and Enterprise	Authority		Revise policies and produce folder with exemplar programmes covering enterprise, career education and education industry links	EiE funded Local Support Group	By June 2004	GS, SF, EiE ST
Some examples of good practice published			Develop file of good practice in EiE in Dundee schools and publicise the EiE website.	EiE funded Local Support Group in June - Sept 2004	20 examples on file	EESO, EiE ST
Information provided on Work Experience programme	Schools		Update and revise information for parents and employers if necessary	EiE		SF
Information leaflets, information evenings and open afternoons for apprenticeship initiatives in place	Authority		Maintain for existing opportunities and produce leaflets for new opportunities	EiE	Leaflets produced and distributed by Feb 2004	Management Groups, GS
			Produce information leaflets relating to EiE for primary parents/carers and staff & secondary parents/carers and staff	EiE Local Support Group	Leaflets produced and distributed by	EiE ST, GS
Information on Dundee City STEM activities	Authority SET Executive		Launch of Dundee City STEM Partnership and regular Newsletters for schools, partners and business	Authority SET Executive EiE	Regular publications circulated	STEM Group

THE BUSINESS COMMUNITY

5. Building on what already exists, the Scottish Executive with partnership funding from the business community, must provide financial resources for appropriate experiential entrepreneurial activities in all primary, secondary and special schools.

6. The Scottish Executive, with partnership funding and support from the business community and others, must provide financial resources for the appointment of an enterprise development officer in every school cluster in Scotland to develop and implement plans for Enterprise in Education

7. Strategic partnerships, which take account of existing good practice, must be established between local authorities and Careers Scotland to engage with local businesses and organisations to improve the provision of Enterprise in Education and to ensure the business community is more fully involved.

8. There must be a major expansion in the involvement of businesses in our schools. All primary, secondary and special schools must develop partnership agreements with local businesses and other appropriate organisations. A target should be set that within every school cluster there must be no less than five such partnership agreements by 2006. This would represent a target of 2,000 such agreements across Scotland.

Current Provision	Funding source	Numbers	Proposed Activity 2003-4	Funding source	Milestone/Target by June 2004	Staff Responsible
Careers Scotland Dundee Education Advisory Group with representation from education and business organisations – SET, Chamber of Commerce, Dundee Business Support Group,	Careers Scotland Authority FE/HE Business	Only 1 business person	Revise as Dundee Enterprise in Education Partnership with an operational function to promote EiE activities/advise on Challenge Fund. Increase business participation on partnership with representation from retail, engineering, call centre etc	EiE Servicing Careers Scotl Authority FE/HE Business	Set up Oct 2003 Group includes 4-6 employers. Group manages entrepreneurial Challenge Fund	GT, GS DEiEP
Dundee Partnership Learning and Working Group and FE/HE Group.	N/A		Rationalise within DEiEP to provide a coherent support structure to develop and support Enterprise in Education with Council Departments, Careers Scotland, SET, Universities, Dundee College, Chamber of Commerce and employers	N/A		GT, GS
Science, Technology, Engineering and Maths (STEM) Strategy group set up to promote/coordinate staff development and opportunities for pupils ..	Authority SET Executive Partners	No business reps.	Seek business representation from 2 science or technology businesses	Authority SET Executive Partners	2 business people on group. 10% more activity for staff and pupils	STEM Partners
Vocational Training Strategy Group involving Dundee College and Education Department	N/A		Involve Economic Development, SET and Chamber of Commerce on group	N/A	Strategy Group has increased representation	D McV, GS, College
Construction Crafts Initiative Management group involving Local Authority departments, Careers Scotland, Scottish Enterprise Tayside and employer organisations	College Authority Business		Maintain and set up operational management groups for other initiatives each involving 2-3 businesses or trade organisations	College Authority Business	Maintain	D McV, GS,
			Set up Management group involving employers, education and college for Catering/Hospitality initiative	Authority College Employers	2-3 employers or organisations involved	GS, College
			Set up Management group involving employers, education and college for	Authority College	2-3 employers or organisations	GS. College

			Care imitative	Employers	involved	
			Set up Management group involving employers, education and college for Motor Vehicle imitative	Authority College Employers	2-3 employers or organisations involved	GS, College
Previous twilight information events and presentations for employers	Authority SET Careers Scotland		Hold business breakfast and information events in conjunction with Careers Scotland	EiE Careers Scot Chamber SET	2 events aimed at involving business with EiE and schools	GS, Careers Scotland, SET, Chamber
			Work with Scottish Executive Business Development Officer to promote business involvement and to secure funding for EiE related activities		50 -100 new business people involved in EiE	GS, SF, EiE ST

16. As part of their Continuing Professional Development (CPD), all teachers must have the opportunity to participate in training and development in Enterprise in Education, which must include enterprise experiences at least once every two years.

Current Provision	Funding source	Numbers	Proposed Activity 2003-4	Funding source	Milestone/Target by June 2004	Staff Responsible
Training						
EESO has trained 4 teachers in almost 50% of primary schools.	Schools Enterprise Programme	20 schools (Total staff trained 180)	Continue training of primary staff in enterprise	SEP Schools Additional packs	All schools have 4 trained staff. Additional 45 staff	EESO Careers Scotland GS
Get into Enterprise training	Careers Scotland Local Authority	2 courses, 15 staff	Provide Get into Enterprise course focused on Support for Learning staff plus course for other staff	Careers Scotland Materials and Staff cover for schools	2 Learning Support and 2 other staff per school (40)	SF, GS
			Provide Up for Enterprise training for Secondary staff	SEP/EiE Materials and staff cover for schools	2 staff per school (20)	EESO, EiE ST
Primary enterprise training delivered within NQT teacher development			Provide appropriate training for Primary and Secondary NQT teachers	Authority	All 18 NQTs trained	GS, EESO
Promotion of EEBL placements with Careers Scotland	Careers Scotland SEED	8 placed in 2002-3	Continue to promote EEBL	Careers Scotland SEED EiE	15 placements	SF, G McL, Careers Scotland
			Involvement in Head Teacher training initiative	Hunter Found. EiE	2 - 4 staff involved	GS, D Johnstone
Career Education – Established programme in all secondary schools. Paws in Jobland purchased for all Primary schools	Careers Scotland / EBP		Provide INSET training based on new Careers Scotland Career Education programme. Provide training on Paws in Jobland	Careers Scotland	Programme discussed and evaluated by secondary staff One teacher trained in all 41 Primary school	EiE ST Avril Briscoe Careers Scotland

19. All local authorities in their Education Improvement Plans and schools in their School Development Plans must make clear how they will implement the recommendations in this report and develop Enterprise in Education in the context of the current National Priorities for education.

Current Provision	Funding source	Numbers	Proposed Activity 2003-4	Funding source	Milestone/Target	Staff Responsible
Skills for 21st Century included in Education Department Development Plan 2002 -2005 covers Enterprise in Education			Action Plans amended to meet Enterprise in Education recommendations for 2003 - 2006		Plans approved	GT, GS
			Support HM IE pilot of Quality Indicators relating to How Good is Our School at EiE		Pilot completed	GS, School Heads
Education for Work Policy and Guidelines includes exemplar programmes of related activities			Identify Enterprise in Education opportunities within Dundee CC exemplar curriculum programmes		Opportunities within Environmental Studies 5-14 identified	Various QIOs
Staffing						
Full-time Education for Work and Enterprise Coordinator with remit for Work Experience, Vocational Initiative and S3 – 6 Enterprise	Authority		Appoint an Enterprise in Education Staff Tutor to work with schools and teachers in developing EiE agenda	EiE	Appointment in place by December 2003	GT, GS

Remit and Role of Enterprise in Education Staff Tutor

Skills. Experience in

- delivering pupil activities related to Enterprise in Education
- planning and delivering staff development activities
- producing teaching materials
- taking forward projects within appropriate timescales

Remit

- To promote an understanding of what is meant by Enterprise in Education and how it relates to pupil experiences
- Assisting in identifying Enterprise in Education opportunities within the Authority curriculum exemplars
- To support Primary Head Teachers in schools in identifying Enterprise in Education opportunities
- To assist and/or train class teachers in delivering Enterprise in Education activities within the curriculum
- To assist in organising enterprise challenges in both primary and secondary schools
- To assist the Education for Work & Enterprise Coordinator in taking forward S3-6 enterprise activities.
- To assist with the Apprenticeship Training Initiative where required.
- To liaise with Careers Scotland Enterprise in Education Advisers in working with schools and teachers
- Assist in developing partnership links between schools and employers

NOTE – Current Education for Work & Enterprise Coordinator has remit for Work Experience, Enterprise activities in S3 to S6 and Apprenticeship Initiative.