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ABSTRACT

The final report lists accomplishments of a 3-year federally funded project to identify and serve gifted handicapped preschool children. Procedures and outcomes are set forth for objectives in each of the following areas: services to children, services to families, staff development, and demonstration and dissemination. (CL)

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A FINAL REPORT

July, 1978

GIFTED-HANDICAPPED PROJECT

Prepared by:

Joy W. Greene and Dorothy Cansler

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DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE OFFICE OF EDUCATION BUREAU OF EDUCATION FOR THE HANDICAPPED

Program Performance Report for Handicapped Children's Early Education Program.

- 1. Date of Report: July 12, 1978 2. Grant Number: G00-75-00237
- 3. Period of Report: From July 1, 1977 To June 30, 1978
- 44 Grantee Name and Descriptive Name of Project:

Chapel Hill Project for Gifted-Handicapped Chapel Hill-Carrboro City Schools

Certification. I certify that to the best of my knowledge and belief this report (consisting of this and subsequent pages and attachments) is correct and complete in all respects, except as my be specifically noted herein.

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GIFTED-HANDICAPPED PRESCHOOL PROGRAM CHAPEL HILL TRAINING-OUTREACH PROJECT

I. Introduction

Having completed its third year of functioning, the gifted-handicapped program is one of two such projects in the United States, funded by the Bureau of Education for the Handicapped. The Gifted-Handicapped Preschool Project is funded through the Chapel Hill Training-Outreach Project which for nine years had been dedicated to the development of appropriate educational services for young, handicapped children and their families. The curriculum, methodology and materials developed have been extended to personnel working with young children through a network of training that has "reached out" throughout the United States, as well as to local and state programs and agencies.

Prior to the beginning of the Gifted-Handicapped Project, a comprehensive search of the literature revealed a void in research of services for the gifted-handicapped child. The need for a model demonstration program to serve young, gifted-handicapped children and their families as was evidenced by:

- * lack of research
- * lack of services
- * demonstrated effectiveness of early intervention
- * contributions of gifted individuals who have overcome physical or experiential handicaps
- * lack of assessment procedures appropriate for children with a variety of modality deficits
- * lack of curriculum and advocacy, for children with special talents or unusual abilities.

In developing the most appropriate model of service delivery to this unique population (young, gifted-handicapped), efforts have focused on the following questions:

- * What services are already available for this program?
- * What specific needs (related to the young, gifted-handicapped)
 are present in North Carolina?
- * What are the most appropriate strategies for identification of these youngsters?
- * What form of service delivery will insure continued maximum impact to the gifted-handicapped in North Carolina?
- * What innovative assessment and curriculum materials are most needed for optimal services to the young, gifted-handicapped?
- * What are the specific needs of the families of the gifted-handicapped child?
- * What are the most effective strategies for evaluating the effectivehess of the program?

The report that follows documents the accomplishments with relationship to the objectives specified in the second year proposal in the areas of services to children, services to families, staff development, and demonstration and dissemination. The <u>Project Summary</u>, a product of three year's effort to disseminate information to target audiences contains a detailed account of all program components.

	£ .	
OBJECTIVE	PROCEDURES	OUTCOME .
1. To develop alternative procedures for identifying young gifted-handicapped children.	1.a. A referral form, including a characteristics checklist, was developed for use by teachers.	1.a. Checklist developed in first year was revised and expanded to include 56 items in seven areas (Project Summary p. 18). The five most common behaviorial characteristics attributed to children referred were identified.
	1.b. A battery of non-discriminatory evaluation procedures were identified for use with preschool handicapped child-ren.	1.b. Guidelines for identification were developed and are available for dissemination in the Project Summary (p. 25).
	1.c. Appropriateness of referrals was used as an index of the effectiveness of identification procedures.	l.c. Eighty-eight percent of referrals were identified as gifted-handicapped after further evaluation. (See Project Summary, "Recruitment", pp. 13-16.)
2. To develop a replicable model of case-finding procedures.	2.a. In the search for young gifted- handicapped children, the following pro- cedures were employed:	2.a. Thirty-five children in North Carolina were identified as gifted- handicapped.
	a) 10 presentations b) 10 agency visits c) 500 letters d) 150 phone calls e) one public service announcement (radio) f) one television interview g) 4 pewspaper articles h) one television news spot	
	2.b. Teachers in 3 of the consultation, sites administered the Child Behavior Inventory to the gifted-handicapped children and a random sample of other children in the same classroom.	2.b. Gifted-handicapped children identi- fied by the Project achieved a mean score that was 2.7 points higher than the other children in the sample (see Project

Summary, pp. 101-102).

in the same classroom.

OBJECTIVE	PROCEDURES	OUTCOME
3. To establish replicable criteria for services to young gifted-handicapped children.	3. Criteria for services were developed with consideration of: a) Children who have already been diagnosed as handicapped b) Parental approval	3. Criteria for services are established for participation in demonstration classroom and for consultation services. (See Project Summary, pp. 24-27.)
	c) General consensus of professionals	•
	d) Geographical location	. ,
	e) Type of disability f) Commitment of parents and/or agency.	
4. To provide multi-disciplinary diagnostic and treatment services for young gifted-handicapped children.	4. Multi-disciplinary diagnostic and treatment services were provided by the staff of the University of North Carolina Division for Disorders of Development and Learning, a University affiliated training facility, through established collaboration procedures.	4. One hundred percent of the child- ren enrolled in the Chapel Hill Demonstration Project for young, gifted- Handicapped children received appro- priate diagnostic and treatment services Additional gifted-handicapped children in other programs received some services through consultation by D.D.D.L. staff. Three full evaluations were done, one follow-up evaluation, and 30 hours of therapy were delivered.
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OBJECTIVE 5. To establish an individualized instructional management system for each child enrolled in the demonstration program. 6. To establish procedures for documenting and reporting each child's progress.

PROCEDURES

- 5. Individual learning objectives and prescriptive programs were developed for each child enrolled in the demonstration program. Use of the Learning Accomplishment Profile, objectives based on Bloom's Taxonomy, and recommendations of Interdisciplinary professional prescriptions formed the basis of the individual management system. The units of learning found in the Chapel Hill Project's popular Planning Guide were translated into a curriculum supplement which provides a functional guide for preschool teachers in moving to creative, inquiry, divergent, evaluative learning experiences.
- '6. Individual pupil progress was documented by the following procedures:
- a. Pre-post measures on appropriate standardized tests and developmental scale.
- b. Long-range goals and short-term objectives.
- c. Pre-post Self-Concept Inventory.
- d. Pre-post Child Behavior Inventory.
- e. Periodic filing of samples of individual projects, work papers, art. etc.
- f. Video-taping
- g. Design and development of case-study reports on each child.
- h. I.E.P. conferences held and movement to optimal placement which provides the least restrictive alternative.

- OUTCOME
- 5.a. One hundred percent of the child-ren's individual programs are documented by written objectives prescribed every three months, individual curriculum records, and therapy reports. (See Project Summary, pp. 42-48.)
- 5.b. Twenty units of the curriculum supplement are developed and are currently being printed to be available for dissemination.

- 6.a. All children enrolled in the demonstration program have pupil progress records. Individual data and use of it is reported in detail in the <u>Project Summary</u>, pp. 103-117. It is reported in the format developed for looking at individual, rather than group data for this unique population.
- 6.b. A minimum of 7 children will be moving into integrated public school placements for the coming school year.

OBJECTIVE	PROCEDURES	OUTCOME
7. To establish a model demonstration program of services to young, gifted-handicapped children. 8. To validate and field test first edition of Planning Guide for Gifted-Preschoolers in order to refine and finalize publication after actual use by teachers.	7. A combination center-based and consultation program of services to young, gifted-handicapped was developed. Services provided to young North Carolina children who display unusual abilities in spite of physical, emotional or experiential handicaps. Represented in this group will be children encompassing varied economic, geographic, and racial backgrounds. 8. Four procedures were designed and implemented with evaluation consultant to validate curricula.	7.a. Thirty-five gifted-handicapped children were identified. Fourteen received on-going direct services; some consultation, either in the form of evaluation or educational recommendations were received by twenty-one. 7.b. A continuum of services delivery was established (see Project Summary, p. 42) to provide individualized services to specific children and their families. 8. Input from validation procedures integrated into the final copy of the Prenning Guide for Gifted Preschoolers and are described in detail in Project Summary, pp. 118-129.
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OBJECTIVE	PROCEDURES	OUTCOME 1.a. Systematic procedures for orientation of families was developed and are reported in detail in the Project Summany pp. 77,191-210. 1.b. A parent's Guide to the demonstration program and other resources was developed and distributed to all families. (See Project Summary, Appendix Q, pp. 205-209.) 2. Written needs assessments were completed for 100% of the families of children enrolled in the demon-	
1. To orient families to the children enrolled in the demonstration program to the project's purposes, objectives, staff roles, and parent roles.	 Procedures for orientation included: • a. coordination of initial contact with collaborating agency b. intake interviews c. classroom observation 		
	 d. parent manual e. use of multi-media communication (videotape, print and slide-tape presentations). The needs assessment included: 		
•	 a. Staff-parent interviews b. Use of a family needs assessment report (parent interest form). c. Statement of parental priorities for services. 	stration program. The program for individual and group participation was planned based on the results of the needs assessment. Topics for group sessions were based on expressed needs.	
		Individual needs were met as re-	

15

Services to Families (continued)	
OBJECTIVE CA	PROCEDURES OUTCOME
3. To provide a comprehensive array of services to families of children enrolled in the demonstration class.	3. The following functions of the family program were developed to provide comprehensive services to families of gifted-handicapped children: 3. All parents participated in some options offered. 4. Of twenty options for parents, no parent participated in fewer
	a. supportive counseling than seven, with eighteen being the highest. The mean was 12.8. c. increase parenting skills d. referral services e. advocacy and advocacy training. b. All parents were given supportive counseling and referral as needed.
	c. Advocacy training was provided in three parent sessions. d. Parents reported changes in
	their skills (see Project Summary, p. 36).
 To develop and implement strategie for involvement of families of gifted- handicapped children. 	able the following services to families: some activities with the fewest being seven, the highest eighteen, and the
	b. classroom orientation c. classroom observation
	d. parent interest survey e. participation in planning objectives f. parent manual
	g. volunteer classroom participation h. use of home activity sheets i. group parent meetings
	j. parent library (lending library with books and toys) k. parent bulletin board
4 M	1. printed materials regarding child's special needs or general parenting m. location of community respirices.
RIC	n. advisory board participation of home visits p. interdisciplinary evaluation
ILIC	

PROCEDURES

OUTCOME

- q. participation in materials development
 - r. evaluation of program
- s. home activities with child
- t. special workshops
- 5. The family services coordinator and other staff served as advocates in increasing resource utilization and identification, including the following resources:
- a. University student tutors:
- University personnel as workshop leaders
- c. Public school personnel
- d. TADS
- e. University personnel as evaluators and therapists *
- f. State Division of Services to the Blind
- g. Church volunteer for workshops
- h. Mental Health Clinic Personnel
- 1. Rehabilitation Center of Wake County
- j. Private Day Care
- k. Family Service of Winston-Salem ,
- 1. Direction Services of N. C. State Department of Public Instruction
- m. 'North Carolina Advocacy Council on Children and Youth
- n. BEH Preschool Class
- o. Private music class
- p. Frank Porter Graham Child Development Center

- 5. All families received services based on needs assessment and priority of services.
 - a. All children were tutored in group by music student at U.N.C.
 - One blind child was given
 Braille by student volunteer
 - c. Three public school staff mem-, bers gave workshop to parents
 - d. Technical Assistance in editing parent materials was given by TADS
 - e. Speech, O.T. and P.T. evaluations for children and consultations to parents were given U.N.C. staff.
 - g. Church personnel gave parent workshops
 - h. Mental Health Clinic personnel gave parent workshop
 - Rehabilitation center participated with parents in planning I.E.P. for coming year
 - j. Family Services Agency was used as referral for disturbed sibling of one child.
 - k. Direction Services was used as "internal advocate" for consultation case in public schools.

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	OBJECTIVE	"			·	PROCEDURES			OUTCOME
*	\$	E	,	_			, ,	gressed. (Se	e Project Summary,
, t , t	•			. '				changes, gain contained in	d reporting of family () s, and satisfaction is the Evaluation section
·	•						•	of the Projec	t Summary (pp. 134-141)
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									24

STAFF DEVELOPMENT

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OBJECTIVE .	PROCEDURES	OUTCOME
1. To orient the demonstration program staff to project goals, objectives, and the roles of personnel. (See <u>Project Summary</u> , "Staff Development," pp. 70-72 for additional information.)	1. The procedures to be used in orientation of staff will include: a. Use of individual conferences b. Attendance at national and topical conferences c. Staff orientation and planning	1 All staff received written materials and participated in individual and group meetings for the purpose of orientation to general project goals and individual role responsibilities.
	sessions	
•	d. Attendance at BEH Director's Conference	•
	e. Weekly supervisory conferences	
2. To assess staff needs and plan for staff development.	2. In response to project objectives, staff roles were specified competencies required to meet project responsibilities identified.	2. Review of individual competencies and needs to meet role and project were reassessed periodically to identify staff development needs throughout the project year.
		·
0.7		

OBJECTIVE	PROCEDURES	OUTCOME
 To develop and implement strategies to be used in staff development. 	3.a. Procedures used in staff development were:	3.a. The total project staff demon- strates:
	1. Individual reading and study 2. Training and orientation by collaborating agencies 3. Utilization of consultants 4. Participation in conferences 5. In-service training with Outreach staff 6. Participation in the University of North Carolina D.D.D.L. Core Course. 7. Films 8. Planning sessions and planning time incorporated into project structure.	 Awareness of current literature for gifted-handicapped. Skills in identifying and serving children with sensory deficits. Skills in program development and evaluation. Awareness of needs for research and direct services. Skills in administering the Diagnostic LAP, working with families, media development, and curriculum development. Skills in diagnosis and treatment of gifted-handicapped.
	3.b. Evaluation of staff development was done through the use of a question-naire filled out by each staff member on which each staff development strategies and experience was rated excellent, good, fair, or poor.	3.b. At least one staff member attended each of 6 state and national conferences. 3.c. All staff attended a minimum of 2 conferences or training workshops.

•		
OBJECTIVE	PROCEDURES	OUTCOME
1. To demonstrate and disseminate the products of the Chapel Hill Model of Services to the Gifted-Handicapped to major target audiences. (See Project	1. The development of public awareness of the Chapel Hill Model focused on two major groups:	1.a. By June 30th the following materials were developed for training and/or dissemination.
Summary, "Dissemination, Training, and	a. General Rublic	1. Four slide presentations
Outreach, pp. 65-70.)	Strategies for informing the general	- Project Overview
	public of project achievements continued in the following ways:	 Identification of Giftedness , in Young Children
W	* Information releases to area pub- lic newspapers	- Audrey, A Case Study
	* Television coverage	- Gifted Children in Head Start
	* The Chapel Hill Project newsletters	2. Three publications
16	* Publications	- A Planning Guide for Gifted Preschoolers (supplement to
•	b. Individual Interest Groups	Outreach Preschool Planning Guide.)
	Professional organizations and agencies throughout the community and state continued to serve as major targets of dissemination. These include:	- Changl Will Commission to the
·	* The N. C. State Department of Public Instruction	- Programs for Parents of Pre-
	* The N. C. Committee on Services to Preschool Children	schoolers.
	* N. C. Head Start	1.b. Approximately one hundred and fifty visitors observed the demonstra-
•	* N. C. Day Care Association	tion class. Observers included par-
	* BEH First Chance Network	lents and child care personnel from local, state, national and inter-
	* Developmental Disabilities Training Institute	national agencies. 1.c. 1,750 brochures were distributed.
23	Strategies for dissemination with these groups included:	l.d. Two articles appeared in Out- reach Project newsletters. (Distribu-
40 m	* Demonst C	nda- name de marche 500 \

* Personal conferences

tion approximately 500.)

Demonstration, Dissemination, and Training (continued)

OBJECTIVE	PROCEDURES	OUTCOME
— *	* letters and printed information * Presentations at meetings	1.e. Four newspaper articles appeared in North Carolina papers.
		1.f. An article was accepted for publication in <u>G/T/C</u> Magazine in August, 1978.
		1.g. Six graduate students had practicums or did projects with the Gifted-Handicapped Project. These included students from the areas of special education, speech, and social work.
17		1.h. Seven workshops including participants were done to present the program to target audiences.
•	1	

Workshops and Training by Outreach Staff on Gifted-Handicapped, 1977-78

·	9/77	Gifted/Talented Teachers Chapel Hill-Carrboro School System	Chapel Hill, N.C.		Using Bloom's Taxonomy and the Unit Approach
	11/77	Durham Technical Institute	Durham, N.C.	. 12	Preschool services for the Cifted-Handicapped
	3/77	Conference on Gifted and	Raleigh, N.C.	10	Preschool Services for the Gifted-Handicapped
•	3/78	PREP Project	Douglasville, Georgia	7 .	Preschool Services for the Gifted-Handicapped
	5/78	Developmental Evaluation	Boone, N.C.	40,	Preschool Services for the Gifted-Handicapped
18	6/78	Southeastern Minnesota School Consultation Unit	Rochester, Minnesota	90	Project Overview
	6/78	United Cerebral Palsy Developmental Center	Raleigh, N. C.	7	Home-made Materials and Working With Parents

Part III

Table IA

Enter actual performance data for this report period into the appropriate boxes. Use age as of the time of the original application, or the continuation application, whichever is later. On lines above line 11, count multihandicapped individuals only once, by primary handicapping condition, and indicate the number of multihandicapped in line 12. Data for lines 1 through 11 are for those directly served; i.e., services to those enrolled or receiving major services, and not those merely screened, referred or given minimal or occasional services.

	,					
	1	NUMBER (OF HANDI	CAPFF SE	RVED BY A	AGE
TYPE OF HANDICAP	AGES	AGES	AGES	AC 45	AGES	AGES
of the second of	022	3-5	6-9	10-12	13-13	
Trainable Mentally Retarded	Ţ,	،			i	
						-
Specific Learning Disabilities						<u> </u>
Deaf-Blind			_	<u> </u>	ď	
Deaf/Hard of Hearing	J	8				
Visually Handicapped	[5			<u></u>	
Seriously Emotionally Disturbed					· .	<u> </u>
Speech Impaired		1_				
Crippled - Physical handicaps		21	1			
TOTAL						
Multihandicapped in line 11						6.*
	,					
gifted)		<u> </u>	<u></u>	ļ		<u> </u>
	Trainable Mentally Retarded Educable Mentally Retarded Specific Learning Disabilities Deaf-Blind Deaf/Hard of Hearing Visually Handicapped Seriously Emotionally Disturbed Speech Impaired Other Health Impaired Crippled - Physical handicaps	TYPE OF HANDICAP AGES O2 Trainable Mentally Retarded Educable Mentally Retarded Specific Learning Disabilities Deaf-Blind Deaf/Hard of Hearing Visually Handicapped Seriously Emotionally Disturbed Speech Impaired Other Health Impaired Crippled - Physical handicaps TOTAL Multihandicapped in line 11 Experientially deprived (minority	TYPE OF HANDICAP AGES 3-5 Trainable Mentally Retarded Educable Mentally Retarded Specific Learning Disabilities Deaf-Blind Deaf/Hard of Hearing Visually Handicapped Seriously Emotionally Disturbed Speech Impaired Crippled - Physical handicaps TOTAL Multihandicapped in line 11 Experientially deprived (minority	TYPE OF HANDICAP AGES O-2 3-5 6-9 Trainable Mentally Retarded Educable Mentally Retarded Specific Learning Disabilities Deaf-Blind Deaf/Hard of Hearing Visually Handicapped Seriously Emotionally Disturbed Speech Impaired Crippled - Physical handicaps TOTAL Multihandicapped in line 11 Experientially deprived (minority	TYPE OF HANDICAP AGES AGES AGES AGES AGES AGES AGES AGES	TYPE OF HANDICAP O2 3-5 6-9 10-12 13-13 Trainable Mentally Retarded Educable Mentally Retarded Specific Learning Disabilities Deaf-Blind Deaf/Hard of Hearing Visually Handicapped Seriously Emotionally Disturbed Speech Impaired Other Health Impaired Crippled - Physical handicaps Multihandicapped in line 11 Experientially deprived (minority

If the data in the above table differ by more than 10 percent from the date originally presented in your approved application, please explain the differences.

Table IB Number of Handicapped Children Receiving Service

	<u>. </u>				# 1
Number of handicapped chi previously available in p result of your projects e	rograms devel	oped as a		35	
			Estimat	ed	
Number of handicapped chireceiving improved or augumajor improvements, modifitraceable to the example	nented service ications or a	es through dditions			4
project.	:		Kn own		
•	<i>;</i>		Estimat	e d 10	
•	· ·	-			



Table IC

Placement of Children Participanting in Early Childhood Program During Reporting Period

Indicate the placement of children who left your project during the year covered by this report period.

Note: Count each child only once by primary type of placement below.

	Number of Children			
Type of Placement	Full-time	Part-time		
Integrated planement (4 a. dp. regular		•		
Integrated placement (i.e., in regular programs whith children who are not				
handicapped)	•			
Nursery schools				
Day-care programs				
Head Start	1	·		
Pro-Kindergarten				
Kindergarten	,			
Primary grade	 _			
First	ŕ	,		
Second	•			
Other				
Special education placement (i.e., in				
classes only for handicapped children				
but situated in regular private or				
public school)				
Pro-kindergarten		2		
Kindergart en-	· 2	7		
Primary grades				
First				
Second				
Other		,		
Institutional Placement				
Scheduled to remain in Early Childhood		· •		
Program in coming year		_ [
Other (specify)				
	<u> </u>			
·				
Table ID		_		
	•	1		
* .				
Cumulative number of children entered into				
intgrated placement (if known) prior to	8 known			
this report period	No. 8 estimated			
Estimated retention rate of commulative				
number in integrated placement	4 known	<u> </u>		