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ABSTRACT

This publication identifies common attitudes toward handicapped persons and provides suggestions for improving attitudes. The first of three major sections presents an historical review of pertinent legislation for education of the handicapped. Section 2 gives a brief review of what the legislation means for vocational education. The final section expounds upon the attitudes of educators, peers, parents, and the community. In addition, suggestions for improving attitudes within each group are given.
(LRA)

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Research & Development Series No. 174

"It Isn't Easy Being Special"

I LIKE YOU WHEN I KNOW YOU:

Attitudinal Barriers to Responsive Vocational Education
For Handicapped Students

Lynn Brant

The National Center for Research in Vocational Education
The Ohio State University
1960 Kenny Road
Columbus, Ohio 43210
1979

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FOREWORD

Parents, teachers, counselors, legislators, paraprofessionals, volunteers, administrators, and the community at large must all have positive attitudes toward people who are "special." This publication identifies some common attitudes we all have toward handicapped persons and provides suggestions for improving our attitudes. It also includes an historical review of pertinent legislation for education of the handicapped.

Like You When I Know You: Attitudinal Barriers to Responsive Vocational Education for Handicapped Students is one of a series of National Center publications devoted to issues, problems, and answers in serving the special needs learner. This ongoing series, **IT ISN'T EASY BEING SPECIAL**, reflects the National Center's commitment to improving vocational education programs and services for special needs populations.

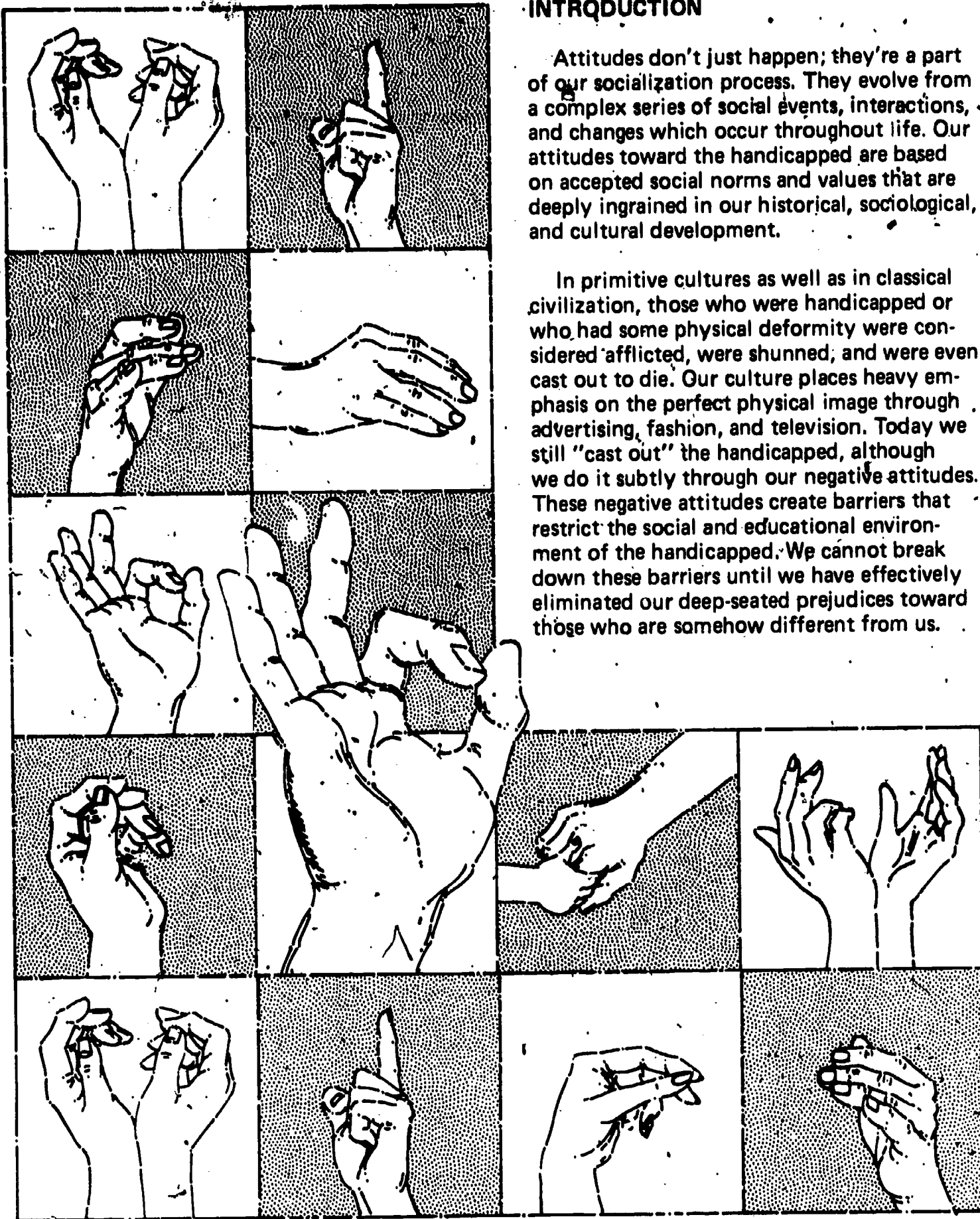
The National Center is indebted to Lucille Campbell Thrane, Associate Director, Development Division, for editing; Sharon Malak, Program Director; to Lynn Brant, author; and to Janice Miller who typed the manuscript. Credit is also due to reviewers: Ruth Brown, Regional Consultant/Specialist—Special Programs, Maryland State Department of Education; Gary Meers, Director—The Center for Vocational Teacher Education, University of Nebraska; Dan Koble, Research Specialist—The National Center for Research in Vocational Education, The Ohio State University; and Cathy King-Fitch, Research Specialist—The National Center for Research in Vocational Education, The Ohio State University.

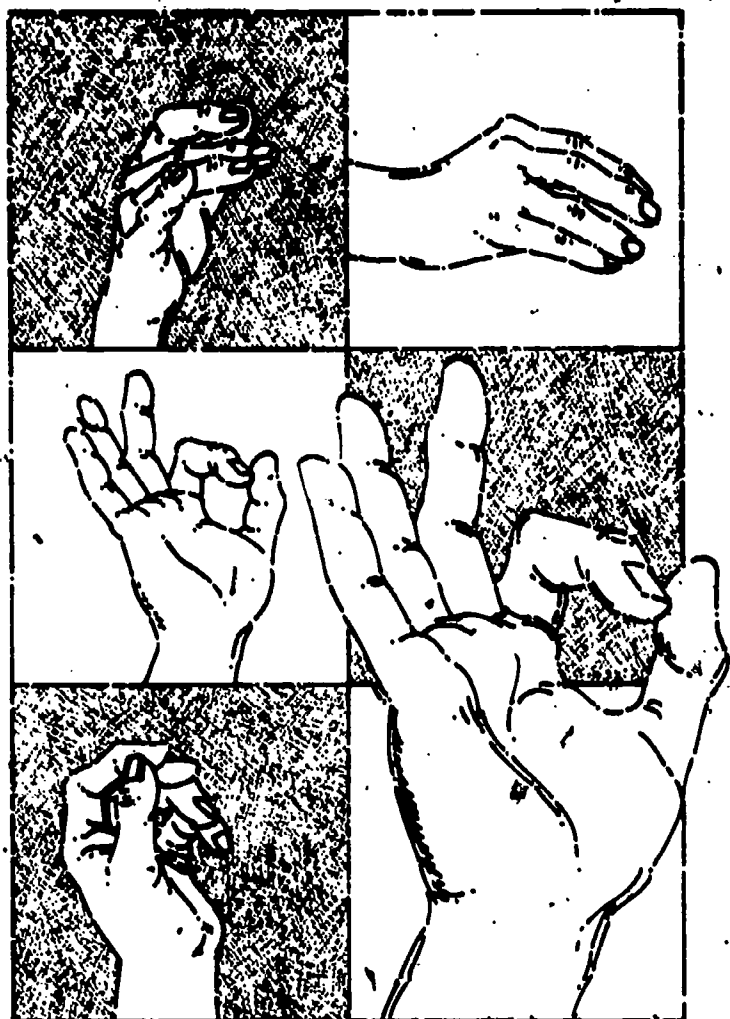
Robert E. Taylor
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Vocational Education

INTRODUCTION

Attitudes don't just happen; they're a part of our socialization process. They evolve from a complex series of social events, interactions, and changes which occur throughout life. Our attitudes toward the handicapped are based on accepted social norms and values that are deeply ingrained in our historical, sociological, and cultural development.

In primitive cultures as well as in classical civilization, those who were handicapped or who had some physical deformity were considered afflicted, were shunned, and were even cast out to die. Our culture places heavy emphasis on the perfect physical image through advertising, fashion, and television. Today we still "cast out" the handicapped, although we do it subtly through our negative attitudes. These negative attitudes create barriers that restrict the social and educational environment of the handicapped. We cannot break down these barriers until we have effectively eliminated our deep-seated prejudices toward those who are somehow different from us.





A REVIEW OF LEGISLATION FOR THE HANDICAPPED

Governmental involvement in and concern with the education of the special needs learner reflects progress in our attitudes toward the handicapped. Through gradual legislative commitment, we have progressed from an attitude of neglect to a conscious effort to end the exclusion of the special needs learner from the educational mainstream.

Legislation generally reflects the ideals of social order. Policies and legislation for the handicapped reflect our changing ideals toward the rights and requirements of the special needs learner. Prior to 1900, special provisions for educating the handicapped were rare; such arrangements were made on a private and individual basis. Subsequently, there was a gradual decline in the tendency to isolate the handicapped socially and educationally. By the late 19th century, there was some recognition of federal responsibility for educating the handicapped. Minimal federal involvement, however, continued well into the twentieth century.

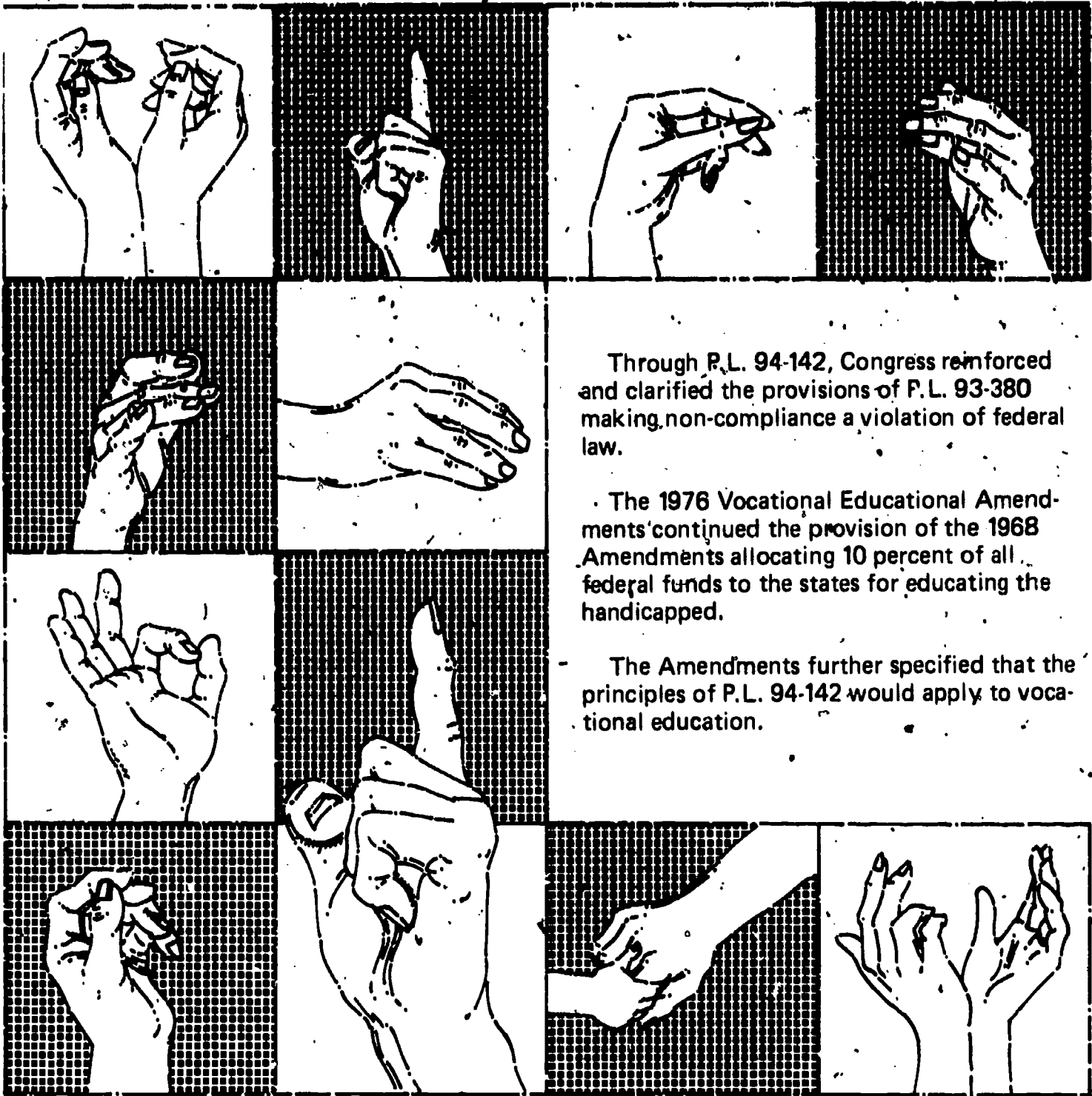
The establishment of Gallaudet College for the Deaf in 1864 and Congress' allocation of \$10,000 nationwide for books and materials for the blind in 1879 were the highlights of aid to special needs learners in the 19th century. Extensive federal involvement in education for the handicapped began with the establishment of USOE's Section on Exceptional Children and Youth in 1931. The Cooperative Research Act (P.L. 83-531) in 1954 signified the first step toward support for research on specific handicapping conditions. Categorical aid advanced with the Captioned Films for the Deaf Act in 1958; further momentum was provided by the 1961 Act to Train Teachers of the Deaf.

The 1963 Mental Retardation Facilities and Community Mental Health Centers Construction Act was of major importance in funding the education of children with all categories of handicaps. It was not until the Vocational Education Amendments of 1968, however, that the handicapped were specifically mentioned in vocational education legislation.

The Education of the Handicapped Amendments of 1974 (P.L. 93-380), also called "A Bill of Rights for the Handicapped", introduced the philosophy of mainstreaming, making clear a child's right to a free public education between the ages of 3 and 21.

This law further qualified mainstreaming to include the concept of "least restrictive alternative"—states were mandated to educate the handicapped in regular classes unless the nature and severity of the handicap, even with the use of supplementary aids and services, prevented satisfactory educational achievement.

P.L. 94-142, The Education for all Handicapped Children Act of 1975, represented the zenith of federal involvement in the education of the handicapped, because it mandated the provision of a written Individualized Education Program for each child. Through an IEP, the educational needs of a child and the educational services required to meet those needs are clearly defined by a team including the local education agency representative, the regular teacher, special education teacher, counselor, parents, the student, and others as appropriate.



Through P.L. 94-142, Congress reinforced and clarified the provisions of P.L. 93-380 making non-compliance a violation of federal law.

The 1976 Vocational Educational Amendments continued the provision of the 1968 Amendments allocating 10 percent of all federal funds to the states for educating the handicapped.

The Amendments further specified that the principles of P.L. 94-142 would apply to vocational education.

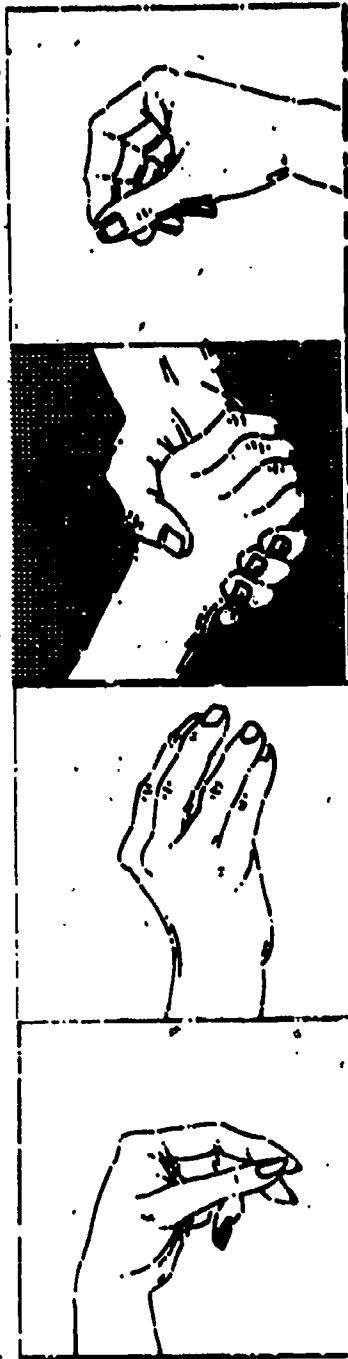
The following chart provides highlights from the legislative history of education for special needs learners.

A CHRONOLOGY —

EDUCATIONAL LEGISLATION FOR THE HANDICAPPED

- 1864 ESTABLISHMENT OF GALLAUDET COLLEGE FOR THE DEAF
- 1897 BOOK AND MATERIALS FUND FOR THE BLIND
- 1931 SECTION ON EXCEPTIONAL CHILDREN AND YOUTH established in the U.S. Office of Education.
- 1954 P.L. 83-531 — COOPERATIVE RESEARCH ACT provided research grants to institutions of higher education and to states
- 1958 CAPTIONED FILMS FOR THE DEAF ACT — films to enrich cultural and recreational opportunities for the deaf; represented the beginning of categorical aid.
- 1961 ACT TO TRAIN TEACHERS OF THE DEAF
- 1963 MENTAL RETARDATION FACILITIES AND COMMUNITY MENTAL HEALTH CENTERS CONSTRUCTION ACT
- 1965 THE ELEMENTARY AND SECONDARY EDUCATION ACT (ESEA) provided funding for the educationally disadvantaged with handicaps
- 1966 TITLE VI OF ESEA mandated state responsibility for initiating, expanding, and improving programs for handicapped children by
1. establishing a National Advisory Committee on Handicapped Children
 2. establishing the Bureau of Education for the Handicapped
- 1967 AMENDMENTS TO ESEA
1. provided Regional Resource Centers to carry on research and development
 2. provided support for the handicapped by establishing Regional Deaf/Blind Centers

- 1968
- 1) P.L. 90-480 — ACCESSIBILITY OF PUBLIC BUILDINGS TO THE PHYSICALLY HANDICAPPED ACT — eliminated architectural barriers
 - 2) HANDICAPPED CHILDREN'S EARLY EDUCATION ASSISTANCE ACT — education for pre-school handicapped children
 - 3) AMENDMENTS TO VOCATIONAL EDUCATION ACT — 10% of allocation to States used for education of the handicapped; marked first specific mandate for vocational education for the handicapped
- 1969
- 1) NATIONAL CENTER FOR EDUCATIONAL MEDIA AND MATERIALS FOR THE HANDICAPPED established
 - 2) EDUCATION OF THE HANDICAPPED ACT consolidated all legislation pertaining to the selection of handicapped individuals through amendments to the ESEA of 1975
- 1973
- P.L. 93-111 — THE REHABILITATION ACT OF 1973—SECTION 504 — public schools and postsecondary vocational education programs mandated to provide appropriate educational services regardless of nature or severity of handicap
- SECTION 503.— Required employers with federal contracts to institute affirmative action procedures by recruiting, training, hiring, and promoting qualified handicapped persons.
- 1974
- P.L. 93-380 — THE EDUCATION OF THE HANDICAPPED AMENDMENTS — "A bill of rights for the handicapped" — identification systems and confidentiality provisions
1. emphasized the right of all children to a free public education
 2. introduced the philosophy of mainstreaming and the concept of "least restrictive alternative"
- 1975
- P.L. 94-142 — THE EDUCATION FOR ALL HANDICAPPED CHILDREN ACT
1. increased the federal role in educating the handicapped
 2. mandated stricter compliance
 3. required an IEP (Individualized Education Program) to specify individual needs and services for each child
- 1976
- VOCATIONAL EDUCATION AMENDMENTS
1. continued 10% allocation of federal funds for the handicapped
 2. applied the principles of P.L. 94-142 to vocational education



WHAT DOES THE LEGISLATION MEAN FOR VOCATIONAL EDUCATION?

Key Legislation

Vocational Education Amendments of 1968

- first specific mention of the handicapped in vocational education legislation

Rehabilitation Act of 1973 – P.L. 93-111

- postsecondary vocational education programs to provide appropriate educational services to the handicapped

Education of the Handicapped Amendments of 1974 – P.L. 93-380

- vocational education included in mainstreaming and least restrictive alternative requirements

Education for All Handicapped Children Act of 1975 – P.L. 94-142

- reinforced P.L. 93-380
- required IEP(s) for both general and vocational programs

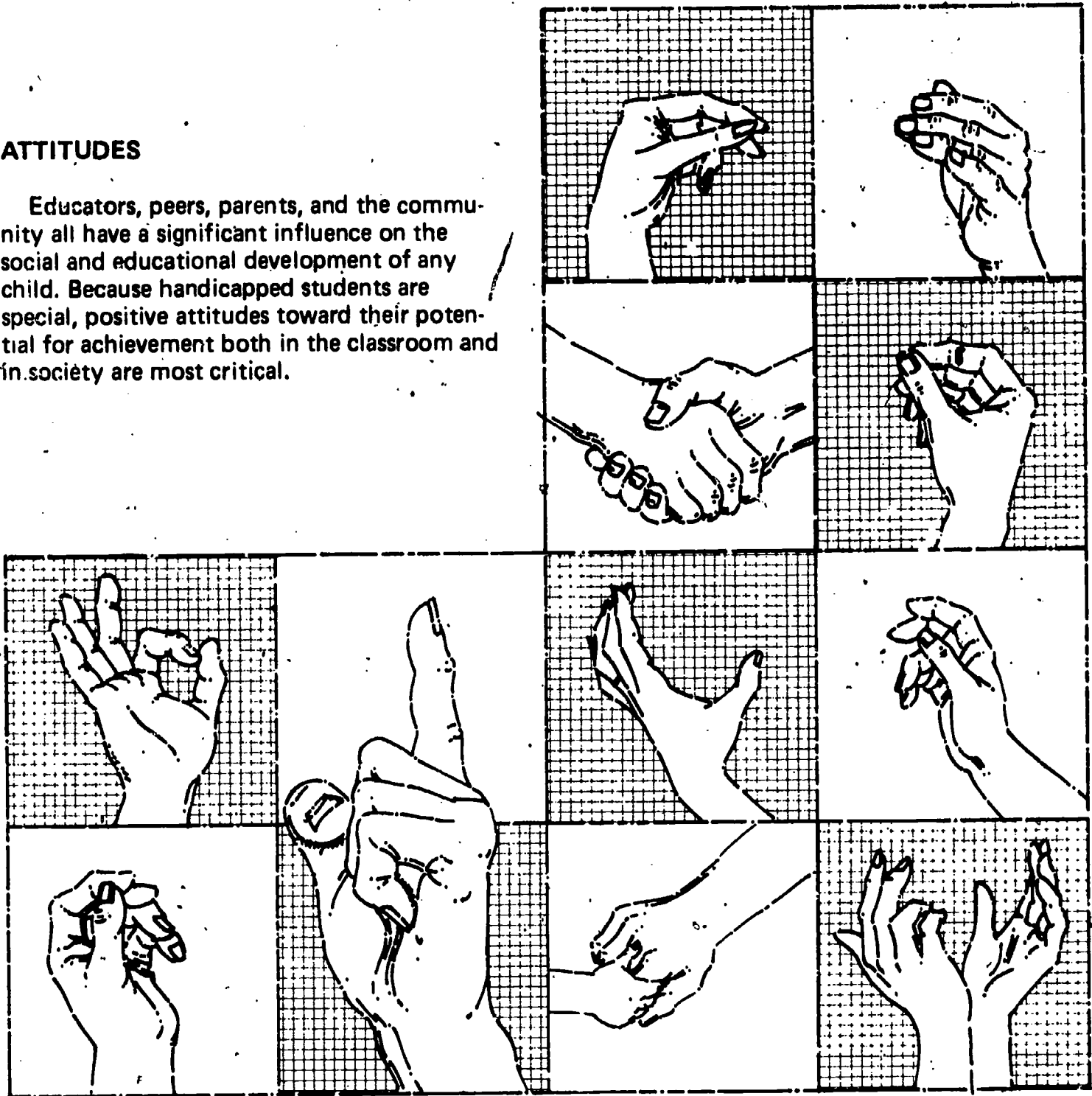
Vocational Education Amendments of 1976

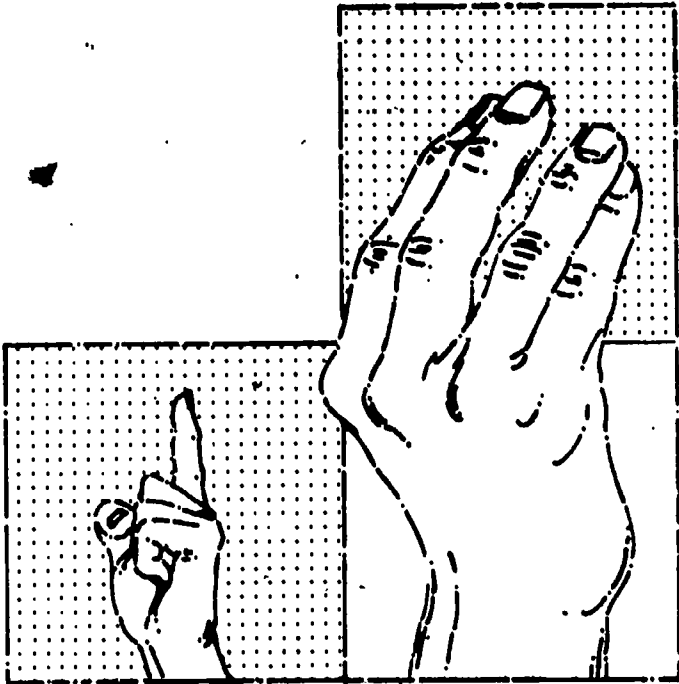
- specifically apply principles of P.L. 94-142 to vocational education

Vocational educators must be prepared to serve all handicapped students in regular classes as well as in special classes; they must provide adequate equipment, materials, support services and adequately trained staff. Individualized Education Programs (IEPs) and Work Programs (WFs) must be prepared and implemented for each student. These are required by law; however, attitudes toward the handicapped that create barriers as real as physical obstacles cannot be overlooked.

ATTITUDES

Educators, peers, parents, and the community all have a significant influence on the social and educational development of any child. Because handicapped students are special, positive attitudes toward their potential for achievement both in the classroom and in society are most critical.

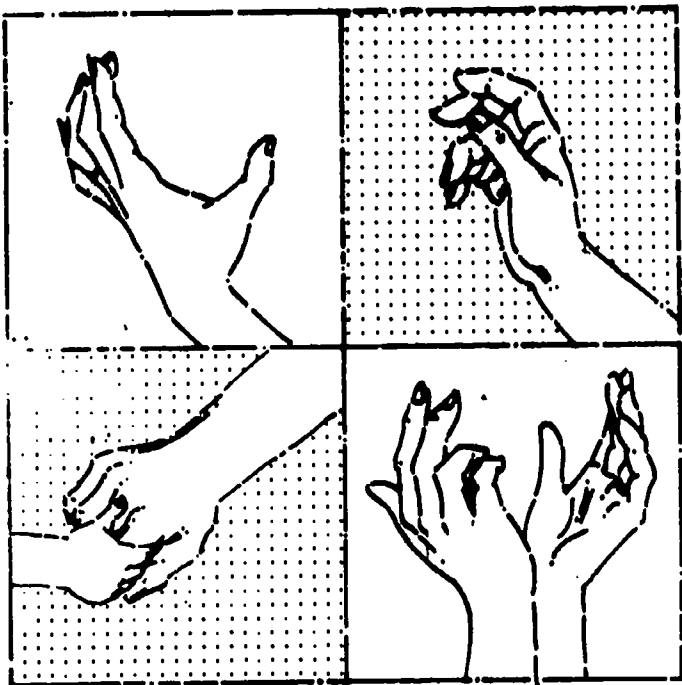




ATTITUDES – EDUCATORS

Vocational educators share the common goal of everyone in education to identify and to remove barriers that restrict the learning environment and that prevent the student from reaching maximum potential.

- teachers
- counselors
- principals
- paraprofessionals
- volunteers
- support staff



What influences their attitudes?

Let's look at some of the things that influence the development of attitudes toward the handicapped student.

- knowledge of handicapping conditions
- sense of security or sense of control over our environment
- contact with handicapped persons
- confidence in working effectively with the handicapped
- satisfaction in having helped the handicapped to learn and to grow
- adequate training for working with the handicapped
- favorable acceptance of the handicapped
- recognition of the ability of the handicapped to make a positive social and personal adjustment and to become self-sufficient

Here are some suggestions for improving attitudes:

The school, through planning, sharing information, and training can aid staff in developing more positive attitudes toward the handicapped.

- correct misconceptions about handicapped students and their capabilities
- erase fear of hurting or harming the handicapped
- realize that the handicapped do not create a safety problem in vocational areas
- motivate teachers to avail themselves of additional training to meet the particular needs of the handicapped
- increase support personnel and services
- actively seek funding to purchase needed equipment and materials
- allow teachers sufficient time to prepare instructional materials geared to the handicapped student
- make all physical facilities and equipment accessible to the handicapped

ATTITUDES – PEERS

As handicapped students are mainstreamed in regular classrooms, positive attitudes of their non-handicapped peers will help them to adjust and will improve the quality of their educational experience.

- friends
- classmates
- acquaintances

How do they typically feel?

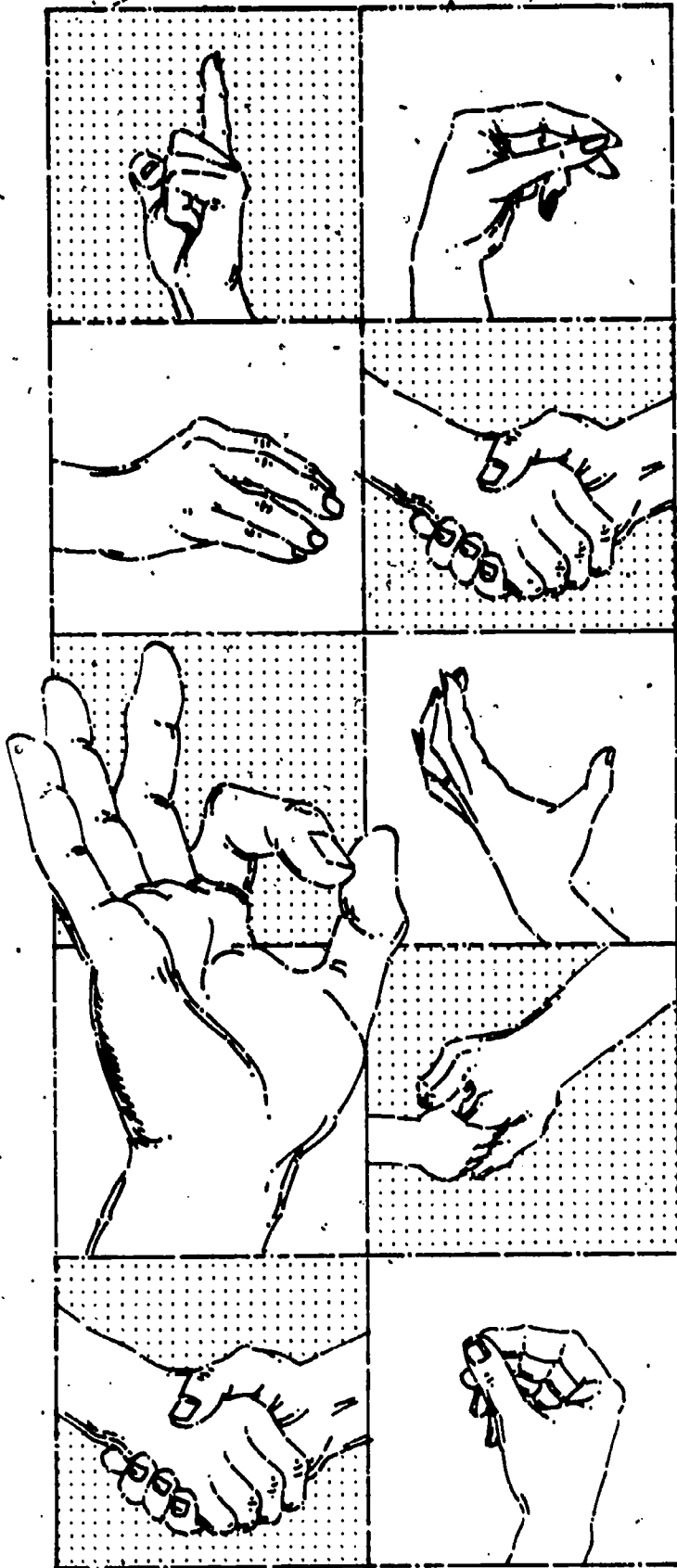
What are some of the more common attitudes that non-handicapped children have toward their handicapped peers?

- children often reject or pity the handicapped
- they perceive physical handicaps as a greater stigma than ethnic differences
- intellectually superior children tend to regard the handicapped negatively
- younger children tend to have more neutral feelings toward the handicapped
- the educational level of the parent affects a child's attitude toward the handicapped
- the child of parents who accept the handicapped is more likely to accept handicapping condition

Here are some suggestions for improving their attitudes.

Appropriate learning experiences and the right classroom atmosphere will foster positive attitudes of non-handicapped students toward their handicapped peers.

- plan interaction among handicapped and non-handicapped students to promote cooperative group contact
- plan integrated learning experiences for both groups
- develop appropriate curricula and activities
- provide assistance for teachers from para-professionals
- ensure that facilities and equipment are accessible to the handicapped





ATTITUDES – THE COMMUNITY ↷

Both handicapped and non-handicapped persons live in the same community. Positive attitudes of employers allow the handicapped to function as productive members of the community.

- employers

How do they view the handicapped?

Let's look at the way some employers view the handicapped.

- their attitudes often reflect the community's attitude about the ability of the handicapped to adjust to work
- employers with positive attitudes toward the handicapped tend to be more flexible in their hiring practices
- employers who see value in employing the handicapped are willing to provide necessary training and other accommodations

Here are some suggestions for improving attitudes.

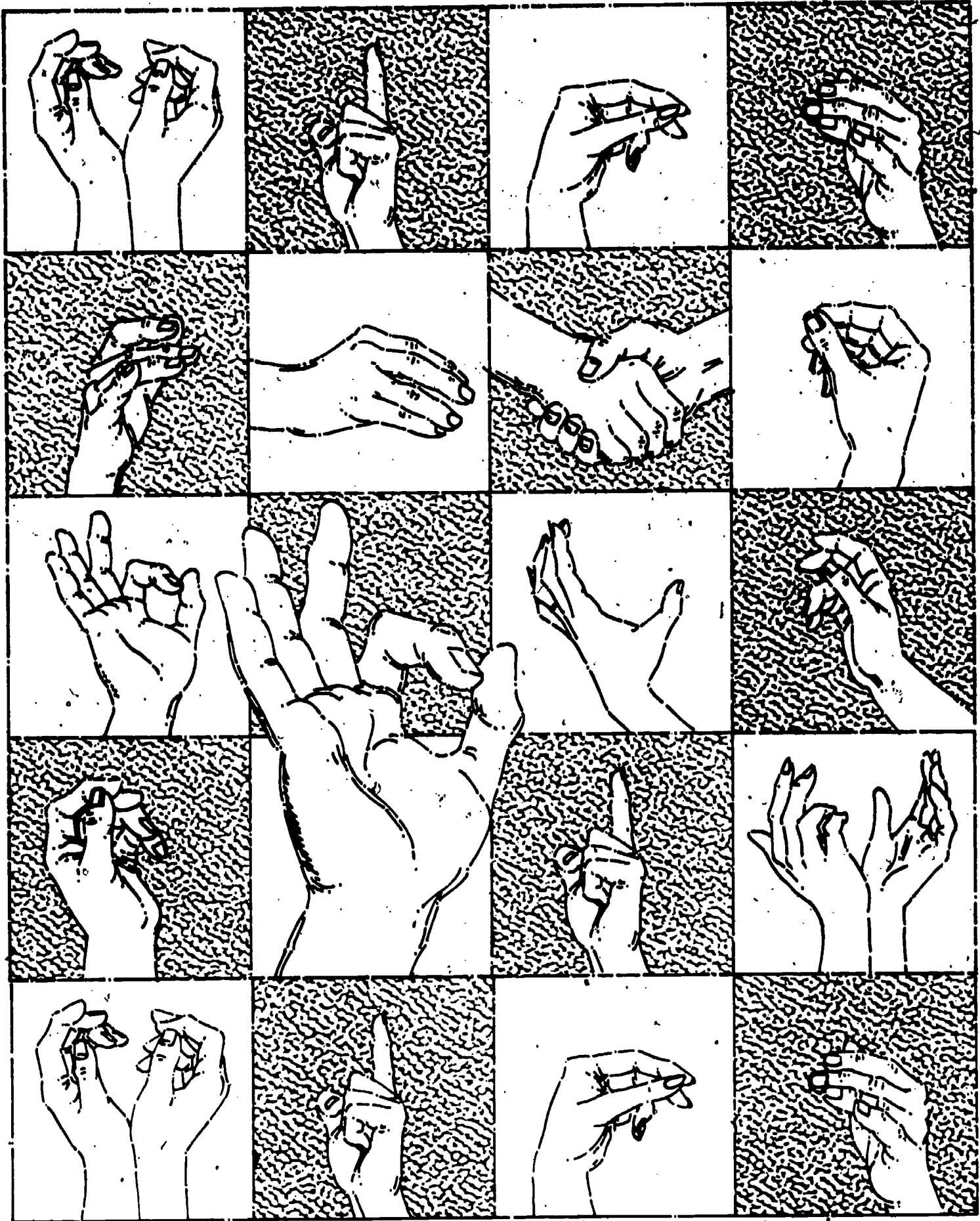
Employing the handicapped provides an opportunity for them to make a meaningful contribution to the community.

- provide factual information on handicapping conditions to both employer and employees
- encourage interaction among handicapped and non-handicapped employees
- encourage employers to contact special schools and rehabilitation agencies
- promote flexible hiring practices
- make employers aware that the handicapped are capable of performing effectively without excessive supervision

CONCLUSION - WHAT HAVE WE LEARNED?

Attitudes are often based on misinformation or fear of the unknown. To change negative attitudes toward the handicapped, we must analyze and understand our negative reactions. Negative attitudes often create barriers to accepting people who are different from us. If we recognize these barriers, we can eliminate them and accept the abilities as well as the limitations of special people.

When we accept the fact that being different is not a handicap, special people will realize their potential and exercise their right to make a meaningful contribution to society. After all, each of us finds that circumstances at various times in our lives make us "special". We need and appreciate all the help and understanding we can get because there are times when we are all "special".



BIBLIOGRAPHY AND RELATED RESOURCES

- Aloia, Gregory F. "Effects of Physical Stigmata and Labels on Judgements of Subnormality by Preservice Teachers." *Mental Retardation*, (December, 1975):17-21.
- Abeson, A., and Zetler, J. "End of the Quiet Revolution: The Education for All Handicapped Children Act of 1975." *Exceptional Children*, 44 (1977):114-128.
- Barclay, Allan, and Vaught, Glen. "Maternal Estimates of Future Achievement in Cerebral Palsied Children." *The American Journal of Mental Deficiency*, 69 (1964):62-65.
- Bond, Richard, and Weisgerber, Robert. *Mainstreaming the Handicapped in Vocational Education: Developing A Positive Attitude*. Palo Alto, CA: American Institute for Research in the Behavioral Sciences, 1977.
- Bonhan, S. J., Jr. "Public Law 93-380: A Bill of Rights for the Handicapped." *Focus on Exceptional Children*, 7(1975):1-10.
- Brooks, Benjamin, and Bransford, Louis A. "Modification of Teachers' Attitudes Toward Exceptional Children." *Exceptional Children*, 38 (1971):259-260.
- Bryan, Tanis H. "Peer Popularity of Learning Disabled Children." *Journal of Learning Disabilities*, 7 (1974):31-35.
- Buontempo, Gregory; et al. *Vocational Education for the Handicapped: Assistance in Initiating or Strengthening Vocational Programs for Handicapped Youth*. New Jersey State Dept. of Education, Trenton: Bureau of Occupational Research, 1974.
- Centers, Louis, and Centers, Richard. "Peer Group Attitudes Toward the Amputee Child." *The Journal of Social Psychology*, 61 (1963):127-132.
- Cohen, Shirley. "Improving Attitudes Toward the Handicapped." *The Educational Forum*, 42 (1977):9-20.
- Connie, Tali A. "Acceptance or Rejection of Disabled Persons by Teachers." *The Journal of School Health*, (April, 1969):278-281.
- Cook, Daniel W.; Kunce, Joseph T.; and Getsinger, Stephen H. "Perceptions of the Disabled and Counseling Effectiveness." *Rehabilitation Counseling Bulletin*, 19 (1976):470-475.
- Crandell, John M., Jr. "The Genesis and Modification of Attitudes Toward the Child Who Is Different?" *Training School Bulletin*, 66 (1969):72-79.
- Crunk, William A., Jr., and Allen, Jay. "Attitudes Toward the Severely Disabled Among Five Rehabilitation Groups." *Journal of Applied Rehabilitation Counseling*, 7 (1977):237-243.
- Eiseman, Russell. "Attitudes Toward the Physically Disabled: Report of a Research Program, with Implications for Psychotherapy." *Training School Bulletin*, 68 (1972):202-206.

- Ensher, Gail L. "The Hidden Handicapped: Attitudes Toward Children and Their Implication." *Mental Retardation*, 11 (1973):40-41.
- Flynn, James R.; Gacka, Richard D.; and Sundean, David A. "Are Classroom Teachers Prepared for Mainstreaming?" *Phi Delta Kappan*, 59 (1978):562.
- "Fostering Positive Attitudes Toward the Handicapped in School Settings." City University of New York, NY; Hunter College Special Education Development Center; New York State Education Department, Albany. Special Education Instructional Materials Center, 1975.
- Gearheart, B. R. *Organization and Administration of Educational Programs for Exceptional Children*. Springfield, IL: Charles C. Thomas, 1974.
- Gickling, Edward E., and Theobald, John T. "Mainstreaming: Affect or Effect." *Journal of Special Education*, 9 (1975):317-328.
- Gilmore, Stuart I. "Social and Vocational Acceptability of Esophageal Speakers Compared to Normal Speakers." *Journal of Speech and Hearing Research*, 17 (1974):599-607.
- Goffman, Erving. *Stigma: Notes on the Management of Spoiled Identity*. Engelwood Cliffs, NJ: Prentice-Hall, Inc., 1963.
- Good, Thomas L., and Brophy, Jere E. "Behavioral Expression of Teacher Attitudes." *Journal of Educational Psychology*, 63 (1972):617-624.
- Gottlieb, Jay, and Gottlieb, Barbara W. "Stereotypic Attitudes Toward Handicapped Children." *American Journal of Mental Deficiency*, 82 (1977):65-71.
- Gottlieb, Jay. "Attitudes Toward Retarded Children: Effects of Labeling and Behavioral Aggressiveness." *Journal of Educational Psychology*, 67 (1975):581-585.
- Gullotta, Thomas P. "Teacher Attitudes Toward the Moderately Disturbed Child." *Exceptional Children*, 41 (1971):45-47.
- Harasymiw, Stefan J., and Horne, Marcia D. "Integration of Handicapped Children: Its Effect on Teacher Attitudes." *Education*, 96 (1976):153-158.
- Hartl, Robert. "Attitudes and Mental Retardation: Review of the Literature." *Training School Bulletin*, 69 (1973):150-164.
- Higgs, Reginald W. "Attitude Formation—Contact or Information?" *Exceptional Children*, 41 (1975):496-497.
- Horowitz, Leola A.; Rees, Norma S.; and Horowitz, Milton W. "Attitudes Toward Deafness as a Function of Increasing Maturity." *Journal of Social Psychology*, 66 (1965):331-336.
- Hughes, James H. *Mainstreaming the Handicapped in Preparatory Occupational Educational Programs in North Carolina*. Chapel Hill, NC: System Sciences, Inc., 1978.
- Jensen, G. D., and Kogen, Kate L. "Parental Estimates of the Future Achievement of Children with Cerebral Palsy." *Journal of Mental Deficiency Research*, 6 (1972):56-64.

Jewish Employment and Vocational Service. *Survey of Employer Experience and Opinions Concerning Mentally Retarded Persons as Employees*. St. Louis, MO: Jewish Employment and Vocational Service, 1968.

Jones, Reginald L. "The Hierarchical Structure of Attitudes Toward the Exceptional." *Exceptional Children*, 40 (1974):430-435.

Jordan, John E. *Attitude Behaviors Toward Mentally Retarded Persons — A Cross Cultural Analysis*. Michigan State University, East Lansing, MI: Michigan State University, 1970.

Jordan, John E., and Proctor, Doris I. "Relationships Between Knowledge of Exceptional Children, Kind and Amount of Experience with Them, and Teacher Attitudes Toward their Classroom Integration." *Journal of Special Education*, 3 (1969):433-439.

Jones, R. L.; Layvine, K.; and Shell, J. "Blind Children Integrated in Classrooms with Sighted Children: A Sociometric Study."

Katz, Phyllis A.; Katz, Irwin; and Cohen, Shirley. "White Children's Attitudes Toward Blacks and the Physically Handicapped: A Developmental Study." *Journal of Educational Psychology*, 68 (1976):20-24.

Kennedy, P., and Bruininks, R. H. "Social Status of Hearing Impaired Children in Regular Classrooms." *Exceptional Children*, 8 (1974):336-342.

Kuhn, Judith. "A Comparison of Teacher's Attitudes Toward Blindness and Exposure to Blind Children." *The New Outlook for the Blind*, 65 (1971):337-340.

Lazar, Alfred L.; Gensley, Julianne T.; and Orpet, Russel E. "Changing Attitudes of Young Mentally Gifted Children Toward Handicapped Persons." *Exceptional Children*, 37 (1971):600-602.

Mardell, Colleen J., and Strain, Phillip S. "An Analysis of Factors Related to the Attitudes of Regular Class Teachers Toward Mainstreaming Mildly Handicapped Children." *Contemporary Educational Psychology*, 3 (1978):154-162.

Martin, Jane W. "Attitudes Toward Epileptic Students in a City High School System." *Journal of School Health*, 54 (1974):144-146.

Mayers, Fredericka. "Modifying Attitudes and Adjustment Through Social Work Training in an Agency Serving the Visually Handicapped." *The New Outlook for the Blind*, (February, 1976):72-77.

Mayhard, Richard I. "The Attitudes of Selected Student Teachers at Oklahoma State University Toward the Physically Disabled." Master's Thesis, Oklahoma State University, 1974.

McKinney, Lorella A. "Special Needs Education: The Message is More." *American Vocational Journal*, (December, 1976):26-27.

Miller, Arthur G. "Role of Physical Attractiveness in Impression Formation." *Psychonomic Science*, 19 (1970):241-243.

- Nichols, W. H. "Blind Persons in Data Processing: The Attitude of Industry." *The New Outlook for the Blind*, (November, 1970):293-296.
- Nosanchuk, T. A.; Mann, Leon; and Pletka, Irene. "Attitude Change as a Function of Commitment, Decisioning, and Information Level of Pretest." *Educational and Psychological Measurement*, 32-(1972):377-386.
- Payne, Reed, and Murray, Charles. "Principals' Attitudes Toward Integration of the Handicapped." *Exceptional Children*, 41 (1974):123-125.
- Parish, Thomas S.; Eads, Gerald M.; Reece, Nancy H.; and Picitello, Mary A. "Assessment and Attempted Modification of Future Teachers' Attitudes Toward Handicapped Children." *Perceptual and Motor Skills*, 44 (1977):541-542.
- Peterson, Gerald F. "Factors Related to the Attitudes of Nonretarded Children Toward their EMR Peers." *American Journal of Mental Deficiency*, 79 (1974):412-416.
- Rapier, Jacqueline; Adelson, Ruth; Carey, Richard; and Croke, Katherine. "Changes in Children's Attitudes Toward the Physically Handicapped." *Exceptional Children*, (November, 1977): 219-223.
- Richardson, Stephen A. "Research Report: Handicap, Appearance, and Stigma." *Social Science and Medicine*, 5 (1971):621-628.
- Richard, Thomas E.; Triardis, H. C.; and Patterson, C. H. "Indices of Employer Prejudice Toward Disabled Applicants." *Journal of Applied Psychology*, 47 (1963):52-55.
- Salvia, John; Ysseldyke, James E.; and Clark, Gary M. "Teacher Retention of Stereotypes of Exceptionality." *Exceptional Children*, 39 (1973):651-652.
- Saunders, Franklin F. "Attitudes Toward Handicapped Persons: A Study of the Differential Effects of Five Variables." Ph.D. dissertation, Florida State University, 1969.
- Schmidt, Leo J., and Nelson, Calvin A. "The Affective/Cognitive Attitude Dimension of Teachers of Educable Mentally Retarded Minors." *Exceptional Children*, 35 (1969):695-701.
- Shatel, Jay R.; Iano, Richard P.; and McGettinger, James F. "Teacher Attitudes Associated with the Integration of Handicapped Children." *Exceptional Children*, 38 (1972):677-683.
- Simpson, Richard L.; Parrish, Nancy E.; and Cook, James J. "Modification of Attitudes of Regular Class Children Toward the Handicapped for the Purpose of Achieving Integration." *Contemporary Educational Psychology*, 1 (1976):46-51
- Siperstein, Gary N., and Gottlieb, Jay. "Physical Stigma and Academic Performance as Factors Affecting Children's First Impressions of Handicapped Peers." *American Journal of Mental Deficiency*, 81 (1977):455-462.
- Smith, I. Leon, and Greenberg, Sandra. *The Educable Mentally Retarded Child: Current Issues and Teacher Attitudes*. New York, NY: Yeshive University, 1973.

Smith, I. Leon, and Greengerg, Sandra. "Teacher Attitudes and the Labeling Process." *Exceptional Children*, 41 (1975):319-324.

Stewart, David M. "Survey of Community Employer Attitudes Toward Hiring the Handicapped." *Mental Retardation*, 15 (1977):30-31.

U.S. General Accounting Office. *Training Educators for the Handicapped, A Need to Redirect Federal Programs*, 1976.

Wallace, Sidney June. "A Survey of High School Vocational Educators: Opinions on Integrating Special Class Students into Regular Vocational Programs." Master's Thesis, University of Oregon, 1971.

Wechsler, Henry; Suarez, Amorita; and McFadden, Mary. "Teachers' Attitudes Toward the Education of Physically Handicapped Children: Implications for the Implementation of Massachusetts Chapter 766." *Journal of Education*, 157 (1975):17-24.

Wices, Edward A., and Carluccio, Lance W. "Attitudes of Counselors Toward Three Handicapped Client Groups." *Rehabilitation Counseling Bulletin*, 15 (1971):25-34.

Yates, James R. "Modes for Preparing Regular Classroom Teachers for Mainstreaming." *Exceptional Children*, 39 (1973):471-473.

Yoshida, Roland K., and Mehers, C. Edward. "Effects of Labeling as Educable Mentally Retarded on Teachers' Expectancies for Change in a Student's Performance." *Journal of Educational Psychology*, 67 (1975):521-527.