

CONTENTS

Committee & Secretariat	1
Time table	2
General Information	4
Special programme for accompanying persons	5
Programme of sessions	7
Index of Presenters	21
Abstracts	24

**WORLD COUNCIL FOR GIFTED & TALENTED
CHILDREN**
Third International Conference.
Jerusalem, July 22 - 26, 1979

**EXECUTIVE COMMITTEE OF THE WORLD COUNCIL
FOR GIFTED AND TALENTED CHILDREN**

Dr. Iraj Broomand , Chairperson	(IRAN)
Dr. Dorothy Sisk , Acting Chairperson	(USA)
Mr. Henry Collis , Acting Vice-Chairperson and Secretary	(UK)
Mr. Dan Bitan , Treasurer	(ISRAEL)
Dr. Warren Lett , Member	(AUSTRALIA)
Ms. Maria Paneyko de Schmidt , Member	(VENEZUELA)
Mr. Levcho Zdravchev , Member	(BULGARIA)

ISRAEL ORGANIZING AND PROGRAM COMMITTEE

Mr. Dan Bitan, Chairperson
Ministry of Education and Culture, Jerusalem

Ms. Nava Butler-Por
Haifa University, Haifa

Prof. Yosef Ben-Shlomo
Ministry of Education and Culture, Jerusalem

Prof. Azriel Evyatar
The Technion, Haifa

Dr. Pinchas Blumenthal
Ministry of Education and Culture, Jerusalem

Dr. Erika Landau
The Young Persons' Institute for the Promotion of
Art and Science, Museum Haaretz, Tel Aviv

Mr. Ya'ir Magen
Ben Gurion University of the Negev, Be'er Sheva

Dr. Moshe Rishpon
Weizmann Institute of Research, Rehovot

Ms. Nehama Sadowsky
Principal, Graetz Elementary School, Tel-Aviv

CONFERENCE SECRETARIAT

Sincere appreciation to Ms. Arlene Jacobson, Ms. Shlomit Golan, Mr. Moshe Weingarten and Ms. Linda Futerman, and special thanks to Ms. Mickey Grosh Soudack, World Council Delegate from Canada.

TIME-TABLE

SUNDAY, JULY 22, 1979

	Arrival of participants
15.00	Registration and distribution of conference material
16.00—18.00	Meeting of World Council Assembly of Delegates Hall D (Ein Gedi)
21.00	Informal Get-together Reception

MONDAY, JULY 23, 1979

8.30	Registration
10.00—10.40	Opening Ceremony with the participation of the Minister of Education and Culture of Israel
10.40—13.30	Plenary Session
13.30—15.00	Lunch
15.00—16.45	Seminars Halls A, B, C, D
16.45—17.15	Coffee-break
17.15—19.00	Plenary Session Hall A
	Free Evening

TUESDAY, JULY 24, 1979

9.00—11.00	Plenary Session Hall A
11.00—11.30	Coffee-break
11.30—13.00	Seminars Halls A, B
13.00—14.30	Lunch
14.30—15.30	Meeting of World Council members (by country) to elect national representatives to new Assembly of Delegates
15.30—18.30	Seminars Halls A, B, C, D, E Coffee-break
18.30—19.30	Meeting of new World Council Assembly of Delegates
20.30	Reception by the Mayor of Jerusalem at the Israel Museum and optional visit to the Museum

WEDNESDAY, JULY 25, 1979

8.30—10.30	Plenary Session Hall A
10.30—11.00	Coffee-break
11.00—12.30	Seminars Halls A, B, C, D, E
12.30—14.00	Lunch
14.00—15.30	Seminars Halls A, B, C, D
15.30—16.00	Coffee-break
16.00—19.00	Tour of Jerusalem, highlighted by view of the sunset from the Mount of Olives
21.00	Evening Program sponsored by the Jerusalem HELED Project, Van Leer Jerusalem Foundation

THURSDAY, JULY 26, 1979

8.30—10.15	Plenary Session Hall A
10.15—10.45	Coffee-break
10.45—12.00	Seminars Halls A, B, C
12.00—13.00	Seminars Halls A, B
13.00—14.30	Lunch Assembly of Delegates lunch-meeting Election of Executive Committee
14.30—17.30	Plenary Session Hall A
16.00—16.30	Coffee-break
17.30—18.30	Closing Session
20.30—21.30	Young Gifted Musicians Concert
21.30	Farewell Social Get-together

GENERAL INFORMATION

LOCATION

Jerusalem Hilton Hotel, Givat Ram, Jerusalem
Tel: (02) 536 151

LANGUAGE

English

DRESS

Informal for all occasions. A light wrap or jacket may be needed in the evenings.

DESKS

Registration / Information / Travel

The desks will be open for your convenience during the following hours:

Sunday, July 22nd:	15.00–21.00 hrs.
Monday, July 23rd:	08.30–18.30 hrs.
Tuesday, July 24th:	08.30–18.30 hrs.
Wednesday, July 25th:	08.30–18.30 hrs.
Thursday, July 26th:	08.30–18.30 hrs.

NAME BADGES

At registration participants and accompanying persons receive Conference "kits" and personal envelopes containing invitations and personal badges. Kindly wear your name badge whenever attending Conference functions.

LUNCHEES AND COFFEE VOUCHERS

Lunches plus two coffee vouchers will be available from the Information Desk at a special reduced price of US\$ 7.00 (or equivalent).

MAIL, MESSAGES

Please apply to the Information Desk.

REGISTERED ACCOMPANYING PERSONS

Accompanying persons are cordially invited to attend the social events of the Conference.

RECONFIRMATION OF FLIGHTS

Please note that I.A.T.A. regulations require that outgoing flights are reconfirmed at least 72 hours prior to departure. You are requested to call at the PELTOURS Desk, or EL AL Israel Airlines, Telephone (02) 233 333, to complete your flight arrangements. We suggest that this is done soon after your registration.

OFFICIAL TRAVEL AGENTS

PELTOURS LTD. (Congress Department, 26 Achad Ha'am Street) Tel Aviv, Israel
Telephone: (03) 50851 Telex: 03-3830 Cable Address: PELTOURS TEL AVIV

PELTOURS LTD. will provide participants with all necessary tourist services, and will operate a Travel Desk at the Conference Headquarters which will be open daily for the duration of the Conference. PELTOURS will arrange for participants tours and excursions by coach, air, private car with guide, rent-a-car, additional hotel accommodation required for the period following the Conference and reconfirmation of flight tickets.

CONFERENCE ORGANIZERS

KENES – Organizers of Congresses and Special Events Ltd.

EL AL ISRAEL AIRLINES LTD.
OFFICIAL CARRIER

SPECIAL PROGRAM FOR ACCOMPANYING PERSONS

Accompanying persons who have registered, are cordially invited to the opening session, and to all social events of the Conference. In addition, the following program has been prepared for them:

***TUESDAY, JULY 24**

09.00 Half-day ARTS and CRAFTS tour
Return — approx. 12.00

***WEDNESDAY, JULY 25**

09.00 Half-day tour including visits to THE ROCKEFELLER MUSEUM, THE HOLOCAUST
MEMORIAL (Yad Vashem) and THE ISLAM MUSEUM
Return — approx. 12.00

***THURSDAY, JULY 26**

15.00 Sightseeing tour to ENVIRONS of JERUSALEM including BETHLEHEM and THE
HERODIAN
Return — approx. 17.30

*Departure from the Hilton Hotel

PROGRAMME OF SESSIONS

SUNDAY, JULY 22, 1979

Arrival of participants, registration, and distribution of Conference material.

16.00–18.00	Meeting of World Council Assembly of Delegates	HALL D
21.00	Informal Get-together Reception	HALL A

MONDAY, JULY 23, 1979

08.30 **Registration**

10.00–10.40	OPENING SESSION	HALL A
	Chairperson: Dr. Azriel Evyatar	
	The Technion, Israel Institute of Technology, Haifa, Israel	

Greetings:

- Mr. Zevulun Hammer**, Minister of Education and Culture, Israel
- Senator Jacob K. Javits**, United States Senator, Washington, D.C., USA
– address to be read by Dr. Alexinia Baldwin, Past President, The Association for the Gifted (TAG), USA
- Ms. Zena Harman**, President, Israel Committee of the International Year of the Child, Israel
- Dr. Dorothy Sisk**, Acting Chairperson, The World Council for Gifted and Talented Children, USA
- Mr. Robert Swain**, Coordinator, Second World Conference on Gifted and Talented Children, 1977, San Francisco, USA
- Mr. Dan Bitan**, Chairperson, Organizing Committee, Third International Conference on Gifted and Talented Children, Israel

What Is Giftedness? Different Approaches

10.40–13.30	OPENING PLENARY	HALL A
	Chairperson: Dr. Azriel Evyatar , Israel	

PROBLEM-FINDING AND THE NATURE AND NURTURE OF GIFTEDNESS
Dr. Jacob W. Getzels, R. Wendel Harrison Distinguished Service Professor, Departments of Education and the Behavioral Sciences and the College, The University of Chicago, Chicago, Illinois, USA

11.40–12.00 Coffee-break

PROFILE OF THE GIFTED CHILD

Dr. Erika Landau, The Young Persons' Institute for the Promotion of Art and Science, Museum Haaretz, Tel Aviv, Israel

A STRATEGY FOR A PLURALISTIC VIEW OF GIFTEDNESS AND TALENT
Dr. Sanford Cohn, Study of Mathematically Precocious Youth, Johns Hopkins University, Baltimore, Maryland, USA

13.30–15.00 Lunch

15.00-16.45

SEMINARS

HALL A

I. **Moral and Leadership Aspects of Giftedness**
Chairperson: **Mrs. Thelma M. Epley, USA**

A NEW DEFINITION FOR LEADERSHIP

Ms. Marcia Greenman Lebeau, Teacher, Project Director, "Leadership and the Law",
North Chelmsford, Massachusetts, USA

A DEVELOPMENTAL STUDY OF INTELLECTUALLY GIFTED PRE-SCHOOL
CHILDREN AND THEIR RELATIONSHIPS TO MEASURES OF PSYCHOLOGI-
CAL GIFTEDNESS

Dr. Kippy Abrams, Chairperson, Early Childhood - Special Education Programs,
Center for Teacher Education, Tulane University, New Orleans, Louisiana, USA
and **Dr. Barbara E. Moely**, Department of Psychology, Newcomb College, Tulane
University, New Orleans, Louisiana, USA
Ms. Joan B. Collin, Tulane University, New Orleans, Louisiana, USA
Ms. Martha Kennedy, Tulane University, New Orleans, Louisiana, USA

A CONCEPTUAL AND EMPIRICAL CONSIDERATION OF LEADERSHIP
TALENT

Dr. William H. Foster, Curriculum Laboratory, University of Illinois,
Urbana, Illinois, USA

MORAL DEVELOPMENT AND THE GIFTED: A PRELIMINARY STUDY

Dr. Frances A. Karnes, Director, Center for Gifted Studies, University of Southern
Mississippi, Hattiesburg, Mississippi, USA
and **Mr. Kevin E. Brown**, University of Southern Mississippi, Hattiesburg, Missis-
sippi, USA

HALL B

II. **Cognitive Aspects of Giftedness**
Chairperson: **Dr. Alexinia Baldwin, USA**

CONCEPT FORMATION IN AVERAGE, GIFTED, AND HIGHLY GIFTED
CHILDREN

Dr. Joyce C. Hagen, Associate Professor, Department of Special Education, California
State University, Northridge, California, USA

THE INTELLECTUAL BASIS OF GIFTEDNESS: A NEW APPROACH

Mr. J.G. Wallace, Deakin University, Victoria, Australia

PATTERNS AND THE GIFTED CHILD

Dr. Avi Berman, Senior Lecturer, Department of Mathematics, The Technion, Israel
Institute of Technology, Haifa, Israel,
and **Dr. Azriel Evyatar**, The Technion, Israel Institute of Technology, Haifa, Israel,
Dr. Tamar Glauberson, School of Education, University of Tel Aviv, Tel
Aviv, Israel

A COMPARISON OF TWO SAMPLES OF GIFTED PERSONS

Dr. Philip M. Powell, Assistant Professor, College of Education, University of Texas
at Austin, USA,
and **Louisa R.F. Powell, Mark Bickhard, Robert Shelton,**
Rufus Parsons, University of Texas at Austin, USA

THE DEVELOPMENT OF THE CONCEPT OF DENSITY AMONG GIFTED
CHILDREN, AGES 8-12

Ms. Rachel Mintz, Science Teacher, Graetz Elementary School, Tel Aviv, Israel

III. Problems of Definition and Identification of Giftedness

HALL C

Chairperson: **Dr. Azriel Evyatar**, Israel

THE DISSYNCHRONIZATION SYNDROME THE INVERTED PYGMALIAN EFFECT

Mr. Jean-Charles Terrassier, Président, l'Association Nationale pour les Enfants Surdoués, Cannes, France

CREATIVITY – DEFINITION, IDENTIFICATION, PEDAGOGY

Dr. Jacqueline Royer, Conseillère d'Orientation Scolaire et Professionnelle, Institut de Guidance Psychologique, Le Cannet, France

EARLY DETECTION OF GIFTEDNESS: PROBLEMS OF DIAGNOSIS

Dr. I. Ponjaert, Department of Genetic and Social Psychology, Free University of Brussels, Pleinlaan, Brussels, Belgium

A PERSPECTIVE OF A BIOLOGICAL APPROACH TO THE CONCEPT OF INTELLIGENCE AND ITS MEASUREMENT

Dr. Hubert Huon, Psychiatre des Hôpitaux, Centre Hospitalier Spécialisé de Saint Avé, Vannes-Cédex, France

IV. Right and Left Hemispheres Research and Application to Education

HALL D

Dr. H. Gordon, The Israel Institute of Technology, Haifa, Israel

16.45–17.15 Coffee-break

17.15–19.00 PLENARY SESSION: The Multidimensional Approach to Giftedness

HALL A

Chairperson: **Dr. James J. Gallagher**, USA

CREATIVITY AND THE EDUCATION OF GIFTED CHILDREN

Mr. D.T.E. Marjoram, H.M. Inspector, Department of Education and Science, London, U.K.

GIFTEDNESS: A TRENDY VERSION OF EXCELLENCE?

Dr. Warren Lett, Chairman, Department of Teaching and Human Interaction, La Trobe University, Victoria, Australia

INTELLIGENCE, CREATIVITY AND COMPLEXITY IN CONCEPTUAL SYSTEMS

Dr. C. June Maker, Assistant Professor, Department of Special Education, University of New Mexico, Albuquerque, New Mexico, USA

Tuesday, July 24, 1979

Nurturing Giftedness: Ways and Means

09.00–11.00 PLENARY SESSION: Different Approaches

HALL A

Chairperson: **Mr. Henry Collis**, U.K.

NURTURING GIFTEDNESS: WAYS AND MEANS

Dr. A. Harry Passow, Jacob H. Schiff Professor of Education and Director, Division of Educational Institutions and Programs, Teachers College, Columbia University, New York, USA

THE DILEMMAS OF GIFTED CHILDREN EDUCATION

Mr. Dan Bitan, Director, Department for Gifted Children, Ministry of Education and Culture, Jerusalem, Israel

Mr. Levcho Zdravchev, Chief, Department for Gifted and Talented, Committee for Culture, Sofia, Bulgaria

11.00-11.30 Coffee-break

11.30-13.00

SEMINARS

HALL A

I. Israeli Approaches

Chairperson: **Dr. Warren Lett**, Australia

THE SCIENCE ENRICHMENT PROGRAMS OF THE WEIZMANN INSTITUTE OF RESEARCH

Dr. Moshe Rishpon, Director, Youth Department, Weizmann Institute of Research, Rehovot, Israel

THE HOLISTIC ENRICHMENT APPROACH IN THE EDUCATION OF THE GIFTED CHILD

Dr. Erika Landau, The Young Persons' Institute for the Promotion of Art and Science, Museum Haaretz, Tel Aviv, Israel

THE SPECIAL EDUCATIONAL PROJECT FOR GIFTED CHILDREN WITHIN THE SCHOOL SYSTEM IN JERUSALEM

Ms. Amira Ornoy, Department for Gifted Children, Ministry of Education and Culture, Jerusalem, Israel

THE INVOLVEMENT OF SCHOOLS PSYCHOLOGICAL SERVICES IN THE PROMOTION OF PROGRAMS FOR GIFTED CHILDREN IN JERUSALEM

Ms. Sarah Aronstam and **Ms. Ruth Butler**, The School Psychological Services, Jerusalem, Israel

SPECIAL CLASSES AS A COMPREHENSIVE APPROACH

Prof. Yosef Ben-Shlomo, Director, Pedagogical Secretariat, Ministry of Education and Culture, Jerusalem, Israel

II. Program Initiation - National/Local Level

Chairperson: **Dr. Marvin Gold**, USA

THE PLANNING PROCESS IN THE DEVELOPMENT OF PROGRAMS FOR THE GIFTED AND TALENTED

Ms. Anita Schneider, Trenton State College, Trenton, New Jersey, USA

NOT BY OURSELVES ALONE

Dr. Edna McMillan, West Education Center, Burlington, Ontario, Canada

A GROUP OF TEACHERS CAN INITIATE A PROGRAM FOR GIFTED STUDENTS - A GRASSROOTS APPROACH TO MEETING THE NEEDS OF EXCEPTIONAL CHILDREN

Ms. Margaret Oag, Teacher, North York Board of Education, Willowdale, Ontario, Canada

A MODEL FOR ASSESSING EFFECTIVENESS OF PROGRAMS FOR SCIENCE-TALENTED YOUTH

Ms. Gerry Allon, Hebrew University, Jerusalem, Israel

Mr. Jehoshua Waks, Vulcani Institute, Beit Dagan, Israel

Tuesday, July 24, 1979

13.00–14.30 Lunch

14.30–15.30 World Council meeting – election of new Assembly of Delegates (by country)

SEMINARS

15.30–18.00 III. National Overviews

HALL A

Chairperson: **Dr. Dorothy Sisk**, USA

Brazil: PROGRAMS FOR THE GIFTED IN BRAZIL
Ms. Maria Helena Novaes Mira, National Center for Special Education, Ministry of Education and Culture, Rio de Janeiro, Brazil
Ms. Rosita Edler, Rio de Janeiro, Brazil

Canada: GIFTED PROGRAMS ACROSS CANADA: CANADIAN EDUCATIONAL ASSOCIATION REPORT
Ms. Ruth G. Banks, Supervisor, Gifted Programs, Scarborough, Ontario, Canada

Japan: JAPAN'S PROGRAMS FOR GIFTED AND TALENTED CHILDREN
Mr. Akira Chiba and **Mrs. Kiyomi Morita**, Research Institute of Intelligence Education (attached to the LSIE), Tokyo, Japan

Korea: THE INTERIM REPORT OF SELECTION CRITERIA FOR SCIENCE HIGH SCHOOLS IN KOREA
Prof. Yun Tai Chung, Director, Science Education Center, Seoul National University, Seoul, Korea

South Africa: THE EDUCATION OF GIFTED AND TALENTED CHILDREN IN SOUTH AFRICA
Mr. Jock L. Omond, Chairman, Office of the Gifted and Talented, Port Elizabeth, South Africa

West Germany: WEST GERMANY: A DEVELOPING COUNTRY AS CONCERNS THE GIFTED
Dr. Klaus K. Urban, Fachbereich Erziehungswissenschaften, Universität Hannover, Hannover, West Germany

16.30–17.00 Coffee-break

15.30–18.30 IV. Enrichment Programs

HALL B

Chairperson: **Dr. Moshe Rishpon**, Israel

THE IMPORTANCE AND CONTENTS OF PROGRAMS FOR THE YOUNG GIFTED CHILD

Dr. Willard Abraham, Professor, Department of Education, Arizona State University, Tempe, Arizona, USA

RESEARCH TEAM AS ANIMATORS: AN EXAMPLE OF UNIVERSITY-SCHOOL COOPERATION IN DIFFERENTIAL EDUCATION FOR THE GIFTED

Dr. Bruce Shore, Associate Professor, Faculty of Education, McGill University, Montreal, Canada

EFFECTS OF GIFTED PROGRAMS ON THEIR PARTICIPANTS: A COMPARATIVE STUDY

Dr. Claire Dugan Tremaine, Human Behavior School, U.S. International University, San Diego, California, USA

PROTOTYPE OF A COMMUNITY-BASED PROGRAM FOR GIFTED AND
TALENTED STUDENTS IN A PUBLIC SCHOOL SYSTEM WITH AN ADJUNC-
TIVE PROGRAM FOR THE GIFTED IN A HEBREW DAY SCHOOL
Ms. Gitta Blumenthal, Psychologist, LARC (Learning Activities to Raise Creativity),
Long Beach City School District, Long Beach, New York, USA

HIGH INTEREST – LOW COST!
Ms. Melissa McEwen, Consultant, Area Education Agency 4, Sioux Center, Iowa,
USA

THE SIU 0-100 APPROACH: AN EFFECTIVE WAY TO MOTIVATE GIFTED
STUDENTS
Mr. Hans G. Jellen, The Curry Memorial School of Education, University of Virginia,
Charlottesville, Virginia, USA
and **Dr. Robert A. Magoon**, Professor of Educational Psychology, Old Dominion
University, Norfolk, Virginia, USA

16.30–17.00 Coffee-break

HALL C

15.30–16.30 V. **Research on Special Classes**
Chairperson: **Ms. Veronica Kardosh**, Israel

A LONGITUDINAL STUDY OF GIFTED CHILDREN, AGES 4-9

Dr. Virginia Z. Ehrlich, Director, Astor Program for Gifted Children, New York,
New York, USA

SOCIAL ADJUSTMENT OF GIFTED CHILDREN IN SPECIAL AND REGULAR
CLASSES

Ms. Irit Yanir, Tel Aviv, Israel

AN EVALUATION DESIGN FOR SPECIAL CLASSES AND ENRICHMENT
GROUPS FOR GIFTED PUPILS

Dr. Blanka Burg, Director, Extended School Day Program Experiment, Ministry of
Education and Culture, Jerusalem, Israel

16.30–17.00 Coffee break

17.00–18.30 VI. **INFORMAL SEMINAR: Special Schools, Special Classes**
– **Special Problems**

HALL D

Chairperson: **Dr. Pinchas Blumenthal**, Israel

With the participation of:

Mr. Richard G. Brown, Teacher, Escondido, California, USA

Prof. Mario J. Gamba, Principal, The Brotherly College for Gifted Children, Santiago,
Chile

Mr. Marvin D. Ginsberg, Materials Science Dept. Brooklyn Technical High School,
Brooklyn, New York, USA

Mr. Gustavo A. Jiminez, Psychologist, The Brotherly College for Gifted Children,
Santiago, Chile

Mr. Richard Klein, Principal, High School of Music and Art, New York, New York,
USA

Mr. Bernard S. Miller, Campus Schools Director, Hunter College, New York, New York, USA

Mr. Norman J. Mirman, Director, The Mirman School, Los Angeles, California, USA

and Principals, Teachers and Psychologists working with special classes in Israel

15.30–17.00 VII. Mixed Ability Groupings HALL E
Chairperson: **Mr. D.T.E. Marjoram**, U.K.

ATTITUDES TO GIFTED CHILDREN AND THEIR EDUCATION, AND THE
OPINION OF TEACHERS ON DESIRABLE FORMS OF ORGANIZATIONAL
PROVISION

Mr. Peter J. Tilsley, Worcester College of Higher Education, Worcester, England

RESEARCH INTO THE PROGRESS AND CHARACTERISTICS OF THE GIFTED
IN ENGLISH COMPREHENSIVE SCHOOLS

Mrs. Frieda Painter, Hertfordshire, England

GIFTED CHILDREN: PROBLEMS AND PROSPECTS

Mr. J.K. Brierley, Gifted Children Task Force, Secondary Schools Division, Camberwell
Science Teachers' Center, Camberwell, Australia

THE TRANSFER OF GIFTED CHILDREN

Dr. Sidney A. Bridges, Principal, Campion School, Athens, Greece

17.00–17.30 Coffee-break

18.30–19.30 Meeting of new World Council Assembly of Delegates **HALL B**

20.30 Reception by the Mayor of Jerusalem at the Israel Museum and optional visit to
the museum

Wednesday, July 25, 1979

**Differentiated Education for the Gifted:
Alternatives in Curriculum**

08.30–10.30 PLENARY SESSION HALL B
Chairperson: **Ms. Nava Butler-Por**, Israel

DIFFERENTIATED CURRICULUM FOR THE GIFTED

Dr. James J. Gallagher, Director, Frank Porter Graham Child Development Center,
University of North Carolina, Chapel Hill, North Carolina, USA

A CURRICULUM FRAMEWORK FOR DIFFERENTIATED EDUCATION FOR
THE GIFTED

Dr. Abraham J. Tannenbaum, Project Director, Graduate Leadership Education Pro-
ject on the Gifted and Talented, Teachers College, Columbia University, New York,
New York, USA

10.30–11.00 Coffee-break

I. General Considerations

HALL A

Chairperson: **Mr. Robert Swain**, USA

INTEGRATIVE EDUCATION FOR GIFTED WITH SAMPLE LESSONS ON TRANSFORMATIONS

Dr. Mildred E. Kersh, Associate Professor, Mathematics Education, University of Washington, Seattle, Washington, USA

TOWARDS NEW THINKING BY GIFTED AND TALENTED CHILDREN

Ms. Phyllis M. Pickard, Educational Psychologist, Surrey, England

SIMULATION - A TEACHING STRATEGY FOR THE GIFTED AND TALENTED

Ms. Starr Cline, Oceanside Public Schools, Oceanside, New York, USA

THE POLITICS OF BASICS AND THE GIFTED: A CRITICAL PROBLEM FOR ADVOCATES OF SPECIAL PROGRAMS FOR THE GIFTED AND TALENTED

Dr. Susanne E. Richert, Regional Supervisor, Gifted/Talented Education, Educational Improvement Center, New Jersey Department of Education, Sewell, New Jersey, USA

II. Fostering Creativity

HALL B

Chairperson: **Dr. Sami Marei**, Israel

PUSHING THE FRONTIER OF CREATIVITY IN TEACHING THE GIFTED

Dr. Gertrude M. Webb, Director, The Learning Center, Curry College, Milton, Massachusetts, USA

THE EFFECT OF GUIDED FANTASY ON THE CREATIVE THINKING - WRITING ABILITY OF GIFTED STUDENTS

Dr. Myrliss Hershey, College of Education, Kansas State University, Manhattan, Kansas, USA,

and **Dr. Phyllis Kearns**, Associated Colleges of Central Kansas, McPherson, Kansas, USA

ENHANCING CURRICULUM FOR THE GIFTED/TALENTED STUDENT THROUGH ACTIVE AND/OR DRAMATIC LEARNING TECHNIQUES

Ms. Bryna B. Rifkind, Teacher, Berkeley, California, USA

III. Curriculum Enrichment within the Regular Classroom

HALL C

Chairperson: **Mrs. Ruth Banks**, Canada

CURRICULUM TRANSFORMATIONS

Mr. Larry D. Pollock, Lake Washington Public Schools, Kirkland, Washington, USA

DEVELOPING PROGRAMS FOR THE GIFTED WITHIN THE REGULAR CLASSROOM

Mr. Lorne Cook, Gifted and Talented Special Services, Newmarket, Ontario, Canada

11:00–12:30

Special Seminar: Gifted Underachievers

HALL D

Chairperson: **Mrs. Grace Armbruster**, England

SOME SYNDROMES OF ACADEMIC UNDERACHIEVEMENT IN GIFTED STUDENTS IN QUEENSLAND AND SECONDARY SCHOOLS

Ms. Lou Endean, Education Department, University of Queensland, St. Lucia, Australia

GIFTED AND TALENTED CHILDREN WITH LEARNING DISABILITIES

Dra. Elena Konstat, Psicologa Investigadora del Centro de Investigaciones Psico-pedagogicas de Educacion Especial, Secretaria de Educacion Publica, Mexico

FEAR OF SUCCESS: MATHEMATICS PERFORMANCE AND CAREER CHOICE

Ms. Gilah C. Leder, Department of Education, Monash University, Clayton, Victoria, Australia

BRIGHT KIDS IN TROUBLE WITH THE LAW

Ms. Margaret Parker, Executive Director, Kootenay Center for the Gifted, Kaslo, British Columbia, Canada

12.30–14.00

Lunch

14.00–15.30 SEMINARS

IV. Teaching Thinking

HALL A

Chairperson: **Dr. Bruce Shore**, Canada

THE EFFECT OF PROCESS-ORIENTED INSTRUCTIONAL STRATEGIES ON ADVANCING HIGHER LEVEL THOUGHT PROCESSES IN GIFTED STUDENTS

Dr. Alexinia Baldwin, Professor, Department of Curriculum and Instruction, State University of New York at Albany, Albany, New York, USA

LOGIC FOR GIFTED CHILDREN

Dr. Joshua Weinstein, College of Education, University of Houston, Houston, Texas, USA

METHODOLOGY FOR SCIENCE: ARTIFICIAL INTELLIGENCE AND EDUCATION OF GIFTED CHILDREN

Mr. R. Zuber, Laboratoire d'Automatique Documentaire et Linguistique, Centre National de la Recherche Scientifique, Université de Paris, Paris, France

THE FEASIBILITY OF TEACHING THINKING AS A SEPARATE SUBJECT ON THE CURRICULUM FOR GIFTED AND TALENTED CHILDREN

Ms. Norah Maier, The University Schools, The Faculty of Education, University of Toronto, Toronto, Ontario, Canada

V. Specifics in Curriculum Building

HALL B

Chairperson: **Prof. H. Donald Gutteridge**, Canada

IDENTIFYING THE GIFTED CHILD FOR EDUCATION THROUGH SCIENCE

Mr. David George, Dean, School of Sciences, Nene College, Northampton, UK

A RESEARCH PROGRAMME OF SCIENCE TEACHING FOR CHILDREN OF OUTSTANDING ABILITY AND/OR EXCEPTIONAL MOTIVATION IN SCIENCE

Mr. J.J. Milbourn, Senior Advisor, Cleveland Local Education Authority, Middlesborough, Cleveland, UK

THE CONTRIBUTION OF COMPUTER-ASSISTED LEARNING TO THE EDUCATION OF GIFTED CHILDREN

Mr. Keith Shaw, Department of Chemistry, Sheffield City Polytechnic, Sheffield, UK

THE SHEMA SYSTEM: A TOOL FOR TEACHING COMPUTERS AND PROBLEM-SOLVING IN HEBREW

Mr. Joseph Regev and **Mr. Shmuel Hass**, Computation Center, Ben Gurion University of the Negev, Beer-Sheva, Israel

ENRICHMENT IS ELEMENTARY

Ms. Sandra Shurr, Principal, Vaughan Elementary School, Bloomfield Hills, MI, USA,

and **Ms. Barbara Baker**, Media Center Specialist, MI, USA

BUILDING A DIFFERENTIATED CURRICULUM FOR BI-LINGUAL/BI-CULTURAL GIFTED STUDENTS

Mr. Christopher E. Nelson, Consultant for Gifted Education, Edinburg, Texas, USA

VI. Performing Arts

HALL C

Chairperson: **Mr. Levcho Zdravchev**, Bulgaria

EFFECT OF OBJECTIVE VOCAL METHODS ON DIMENSIONS OF COMPETENCE IN GIFTED/TALENTED CHILDREN

Prof. Corbelita Astraquillo, School of Music, Louisiana University, Baton Rouge, Louisiana, USA

RE-VISITING THE CONCEPT OF 'GIFTEDNESS' IN RELATION TO RECOGNITION OF MUSICAL TALENT IN THE VERY YOUNG

Mr. Martin M. Comte, State College of Victoria at Coburg, Coburg, Victoria, Australia

VII. Developing Ethical Values and Interpersonal Effectiveness

HALL D

Chairperson: **Dr. A. Harry Passow**, USA

MORAL AND ETHICAL MEANING: AN IMPLEMENTATION PLAN FOR TEACHERS IN UTILIZING ETHICS AS A CURRICULUM FOR GIFTED AND TALENTED CHILDREN

Dr. Jeannie M. Hamlin, Assistant Professor of Special Education and Childhood, University of Southern Maine, Gorham, Maine, USA

MORAL GROWTH: AN EXPERIMENT IN TUTORSHIP

Ms. Nava Butler-Por, School of Education, Haifa University, Israel

USING MODELS FOR TEACHING THINKING WITH NEWSPAPERS

Ms. Thelma Epley, Educational Consultant, Sunland, California, USA

AN INTERPERSONAL AFFECTIVE RELATIONS PROGRAM TO MEET THE NEEDS OF GIFTED CHILDREN

Ms. Susan Demirsky Allan, Coordinator, Gifted/Talented Education, Falls Church City School Board, Falls Church, Virginia, USA

14.00–15.30 **Special Seminar: The Problem of Gifted Handicapped Children** **HALL E**
 Chairperson: **Ms. Maria Helena Novaes Mira**, Brazil

YOUNG HANDICAPPED CHILDREN CAN BE GIFTED AND TALENTED
Dr. Merle B. Karnes, Professor of Special Education, Institute for Child Behavior,
 University of Illinois, Champaign, Illinois, USA

SUCCESSFUL HANDICAPPED ADULTS: THEIR PERCEPTIONS OF SIGNIFICANT EVENTS, CAUSES AND EFFECTS

Dr. C. June Maker, Assistant Professor, Department of Special Education, University of New Mexico, Albuquerque, New Mexico, USA

In cooperation with:

Dr. Martha Ross Redden, Director, Project on the Handicapped, American Association for the Advancement of Science, Washington, D.C., USA

Mr. Steve Tonelson, Research Assistant, Department of Curriculum and Instruction, University of Virginia, Charlottesville, Virginia, USA

Mr. Richard Howell, Graduate Student, Department of Special Education, University of New Mexico, Albuquerque, New Mexico, USA

Dr. Myron Weinberger, Director, Hypertension Research Center, Indiana University Medical School, Indianapolis, Indiana, USA

THE COST OF BUILDING A BRIDGE: IMPLICATIONS IN THE EDUCATION OF THE GIFTED-HANDICAPPED

Ms. Anne L. Corn, Instructor, Education of the Visually Handicapped, Teachers College, Columbia University, New York, N.Y. USA

15.30–16.00 Coffee-break

16.00–19.00 Tour of Jerusalem highlighted by view of sunset from the Mount of Olives

21.00 The Jerusalem HELED Project, under the auspices of the Ernst David Bergman Foundation, invites the Conference participants to an evening at the Van Leer Jerusalem Foundation, 43 Jabotinsky Street, Jerusalem
 (see invitation in participants' folder)

Thursday, July 26, 1979

Morning: Teachers, Parents and Counsellors

08.30–10.15 **PLENARY SESSION – Parents and Counsellors** **HALL A**
 Chairperson: **Dr. J. W. Getzels**, USA

A PHILOSOPHY OF EDUCATION OF THE GIFTED IN EARLY CHILDHOOD VIS-A-VIS PARENTS' EXPECTATIONS

Dr. Virginia Z. Ehrlich, Director, Astor Program for Gifted Children, New York, N.Y., USA

A HOLISTIC APPROACH FOR GIFTED CHILDREN AND THEIR FAMILIES

Ms. Grace Armbruster, London, England

THE VOLUNTARY COUNSELLING SERVICE OF THE NAGC

Ms. Felicity Sieghart, Chairman, The National Association for Gifted Children, London, England

HELPING GIFTED CHILDREN: A COMMUNITY APPROACH

Dr. Peter J. Congdon, Educational Psychologist, Warwickshire County Council,
Northern Area Education Office, Nuneaton, England

10.15-10.45 Coffee-break

10.45-12.00 SEMINARS

I. **Nurturing the Gifted Child at Home**

HALL A

Chairperson: **Ms. Mickey Grosh Soudack**, Canada

THE BEHAVIOUR OF GIFTED CHILDREN

Ms. Joan Freeman, Senior Lecturer in Applied Psychology (Education), Preston
Polytechnic, Chorley, England

PARENTS: THE EDUCATION PARTNERS

Ms. Gina Ginsberg, Executive Director, Gifted Child Society, Inc., Oakland, New
Jersey, and Consultant for the Gifted and Talented, U.S. Office of Education, USA

THE ECOLOGY OF GIFTEDNESS: A PILOT STUDY OF 135 HOMES OF GIFTED
CHILDREN

Mr. Malachi Ariel, Extension Division, The Technion, Israel Institute of Technology,
Haifa, Israel

USING THE MAIL AS A LEARNING RESOURCE: A CASE STUDY

Ms. Ruth D. Handel, Scarsdale, N.Y., USA

II. **Teacher's Training**

HALL B

Chairperson: **Dr. Sanford Cohn**, USA

INSTRUCTIONAL MANAGEMENT SYSTEMS: A MODEL FOR ORGANIZING
AND DEVELOPING IN-SERVICE TRAINING WORKSHOPS

Dr. Joseph S. Renzulli, Professor of Educational Psychology, School of Education,
The University of Connecticut, Storrs, Connecticut, USA

TEACHING TEACHERS ABOUT THE GIFTED: A PRE-SERVICE CONSCIOUS-
NESS-RAISING PROGRAMME

Dr. Geula Solomon, Lecturer in Social Foundations of Education, Rusden State
College of Victoria, Melbourne, Australia

REACHING THE GIFTED VIA TELEVISION

Dr. Robert E. Clasen, Professor, Department of Education, University of Wisconsin
- Extension, Madison, Wisconsin, USA

THE STATUS OF TEACHER-TRAINING FOR THE GIFTED IN THE USA

Ms. Muriel E. Guy, Illinois Council for the Gifted, Glen Ellyn, Illinois, USA

TRAINING TEACHERS FOR THE GIFTED STUDENTS IN SPARSELY
POPULATED AREAS

Dr. Allen Blumberg, Director of Special Education, West Virginia College of Graduate
Studies, Institute, West Virginia, USA

ENVIRONMENTAL DISTURBANCES IN THE EDUCATION OF MUSICAL
TALENTS

Mr. Ben-Zion Orgad, Chief Supervisor, Music Education Ministry of Education
and Culture, Israel

III. Characteristics of Teachers of Gifted Children
Chairperson: **Mr. Norman J. Mirman**, USA

HALL C

HUMANISTIC EDUCATION FOR THE GIFTED AND TALENTED
Dr. Harold C. Lyon Jr., Director, Office for the Gifted and Talented, US Office of Education, Washington, D.C., USA

THIRTEEN WAYS OF LOOKING AT A GIFTED TEACHER
Ms. Frances Dubner, Atlanta, Georgia, USA

TEACHERS' EFFECTIVENESS IN IDENTIFYING GIFTED CHILDREN
Dr. L.F. Lowenstein, Professor of Psychology and Educational Psychology, College of Preceptors, London, England

Afternoon: The Culturally Different and The Culturally Deprived Gifted Child

12.00–13.00 IV. Research and Programs: Culturally Different Children
Chairperson: **Ms. Maria Paneyko de Schmidt**, Venezuela

HALL A

DEVELOPING A REALISTIC PROGRAM FOR THE CULTURALLY DIFFERENT, ECONOMICALLY DISADVANTAGED GIFTED AND TALENTED
Ms. Carole Schulkind, Project Director, Leadership Training Center, Ebeye, Marshall Islands, Trust Territory of the Pacific Islands

INTERNATIONAL RESEARCH WITH GIFT
Dr. Sylvia Rimm, Educational Assessment Service, Inc., Watertown, Wisconsin, USA, and **Dr. Yehuda Bien**, Haifa University, Haifa, Israel

CREATIVE ABILITIES OF CULTURALLY AND SOCIALLY DEPRIVED CHILDREN
Dr. Yehuda Bien, Haifa University, Haifa, Israel

12.00–13.00 V. Varying Cultural Attitudes to Gifted Children
Chairperson: **Dr. Abraham J. Tannenbaum**, USA

HALL B

A CROSS-CULTURAL PERSPECTIVE THROUGH THE AGES
Dr. Mary Waddington, London, UK

'TRAIN UP A CHILD IN THE WAY HE SHOULD GO' – A SEARCH THROUGH JUDAICA REGARDING EDUCATION OF THE GIFTED
Dr. Esther Goldman, Department of Special Education, Norfolk State College, Norfolk, Virginia, USA

13.00–14.30 Lunch

Assembly of Delegates lunch meeting. Election of Executive Committee

14.30–17.30 PLENARY: Research on Culturally Different and Deprived Gifted Children **HALL A**
Chairperson: **Dr. Erika Landau**, Israel

THE MORE GIFTED AMONG THE DISADVANTAGED
Dr. Moshe Smilansky, School of Education, University of Tel Aviv, Tel Aviv, Israel

AN ENRICHMENT PROGRAM AND ITS FOLLOW-UP FOR THE GIFTED IN CULTURALLY DEPRIVED AREAS OF TEL AVIV

Mr. Zvi Leichner, Dr. Erika Landau and Ms. Yamima Goldberg, The Young Persons' Institute for the Promotion of Art and Science, Museum Haaretz, Tel Aviv, Israel

ENRICHMENT CENTERS FOR GIFTED PUPILS FROM LOWER SOCIO-ECONOMIC STRATA

Dr. Blanka Burg, Director, Extended School Day Program Experiment, Ministry of Education and Culture, Jerusalem, Israel.

16.30-17.30 HIGHLY CREATIVE AND TALENTED CHILDREN IN THE ARAB CULTURE
Dr. Sami Marei, School of Education, Haifa University, Haifa, Israel

GIFTED MIDDLE-CLASS AND DISADVANTAGED CHILDREN IN ISRAEL

Ms. Nava Butler-Por, School of Education, Haifa University, Haifa, Israel

Mr. Israel Lanzer, Deputy Director, Psychological Services, Haifa, Israel

16.00-16.30 Coffee-break

17.30-18.30 **CLOSING PLENARY SESSION**
Where to from Here? Challenges for the Future
Chairperson; **Mr. Dan Bitan**, Israel

HALL A

THE CHALLENGE OF EDUCATING THE MINORITIES AND THE POOR

Dr. Dorothy Sisk, Professor of Education, University of South Florida, Tampa, Florida, and Former Director, Office of the Gifted, U.S. Office of Education, Washington, D.C., USA

DEVELOPING HUMAN POTENTIAL IN DEVELOPING COUNTRIES

Mr. Arthur Lipper III, Trustee, The Lipper Foundation, New York, New York, USA