

Paper ID: ICGYSE35

Type: Oral, Abstract

Article topics in the ICGYSEducation: Gifted Education

Role of parent in assisting gifted students optimizing their learning potential: among learning, social, and emotional issues

Evyy Tjahjono and Gracia Tiffany Sutrisno,

University of Surabaya, Indonesia. evyy_tjahjono@staff.ubaya.ac.id

Abstract

The present study aims to identify learning problems of the gifted students due to their specific intellectual, social, and emotional characteristic, role of parent in assisting gifted students in their learning process, and strategies of parent in assisting gifted students to optimize their learning processes. Though gifted students were very smart, their specific intellectual, social, and emotional characteristics could lead to some learning problems such as boredom in various kind. Therefore, gifted students needed parental support or assistance when dealing with their learning problems. Role of parent was important in helping gifted students optimizing their potentials through learning processes. However, lack of information and training for parent in supporting their gifted children could lead to some obstacles in optimizing gifted students learning processes. Parent needed some strategies to help their gifted students learning effectively so they could actualize their potentials optimally. This research was a qualitative research using realism paradigm. Data were collected from four gifted students at elementary school level, three parents (father and mother) of the gifted students, and a single mother of a gifted student. Depth interviews were used for collecting data from students and parents. Data were analyzed using inductive thematic analysis. Findings from this research were (1) intellectual, social, and emotional characteristics in gifted students led to some learning problems so they required parental **assistance to deal with those problems; (2) children's learning problems accompanied by misperception from their surrounding about gifted students eliciting parents' negative emotions** so they might feel inconvenient while assisting their children dealing with learning problems. (3) parents used specific strategies while assisting gifted children to deal with their learning problems. Those strategies were: using flexible methods or strategies in learning, communicating effectively through discussions, and applying specific learning strategies. Those strategies were reported as some effective strategies in supporting gifted students struggling with their learning problems; (4). learning flexibility was important in supporting gifted students in learning. Flexibility in providing facilities, using specific learning methods, organizing learning environment, and involving children in designing their learning process was found effective to solve the gifted learning problems; (5). community was one of the source of information about parenting or assisting gifted students in learning. It was recommended to increase awareness and conduct furthermore research related to **optimalization of gifted children's learning process strategies.**

Keywords:

gifted student, learning problem, assistance, parental role, strategy

BOOK OF **PROCEEDINGS**



3rd International Congress on Gifted Youth and Sustainability of Education (ICGYSE) 10-11 December 2022 Antalya-Turkiye

EDITTED BY
HASAN SAID TORTOP

ICGYSE 2022

3rd International Congress on Gifted Youth
and Sustainability of Education (ICGYSE)

10-11 December 2021

Antalya (online managed), Turkiye

Proceedings Book

Hasan Said Tortop
Editor

Hosted by:

Association for Young Scientists and Talent Education

Antalya, Turkiye

The papers appearing in this book compose the proceedings of the technical conference cited on the cover and title page of this volume. Papers were selected by the organising committee to be presented in oral or poster format, and were subject to review by the programme committee. All kinds of information in this book is the responsibility of the authors. ©All rights reserved.

Please use the following format to cite material from this book:

Author/s, "Title of paper", in Proceedings of 3rd International Congress on Gifted Youth and Sustainability of Education (ICGYSE), Turkiye (Turkiye, 2022), pp. page numbers.

3rd International Congress on Gifted Youth and Sustainability of Education (ICGYSE) – Proceedings Book

e-ISBN Proceedings Book: 978-605-06640-7-2

e-Printed by: Young Wise (Genç Bilge) Publishing, Isparta (TURKIYE)

Publication Date: December 30, 2022

3rd International Congress on Gifted Youth and Sustainability of
Education (ICGYSE)

Proceedings Book

Edited by
Assoc. Prof. Hasan Said Tortop

Editor's Preface

Dear Gifted Education and Educational Sciences Researchers

Gifted Youth and Sustainability of Education; We are very pleased to hold our third congress on these two important educational topics. The sustainability of education has become very important with the pandemic. Sustainability of education is essential for talent development. ICGYSE's goal of being an important platform where these important issues are discussed has been realized. We have no doubt that ICGYSE will develop further. We are happy to be able to hold the ICGYSE in 2022 with the contribution of gifted education and educational science researchers. This year, we present the abstracts of important speakers and researchers in this e-book.

Keynote Speech 1: *Being the Family of a Gifted Child in the UK: From the Perspective of the British Education System*; Ahmet Sanverdi, UK

Keynote Speech 2: *Self-disclosure in the treatment of gifted children*, Hanna David, Israel

Keynote Speech 3: *Gifted Adolescents: An Asian Parenting Perspective*; Inderbir Kaur Sandhu, Singapore

Keynote Speech 4: *Assessment For Learning: The Missing Element For Identifying High Potential in Low Income and Minority Groups*, Joseph S. Renzulli, US

Our congress, organized by Young Wise Publishing Ltd., is an important company, especially in academic publishing, in Turkiye for 7 years and in England for two year. He currently manages the publications of 9 academic journals and the organization and publication processes of 3 congresses.

This year, many universities, associations, foundations and companies cooperated with our congresses. I think there will be more institutions and organizations that we will cooperate with next year.

This year, we also reserved a session to present their products and services related to talent development and training. In the next congress, we will give more importance to such studies. Please use the address icgyse@gmail.com for your ideas, suggestions and applications on this subject.

We would like to meet again in our next congress to see all our readers among us, to publish their education research and to make their publications visible around the world.

Dr. Hasan Said Tortop
Chair of ICGYSE

London, UK – 2022

SCIENTIFIC COMMITTEE OF ICGYSE

ICGYSE Chair

Hasan Said Tortop AYTE, Turkiye

ICGYSE Vice Chair

Nur Eva Malang State University, Indonesia
Keri Guilbault Jhon Hopkins University, US
Roy Venketsamy University of Free State, South Africa
Pakkapong Pongsuk King Mongkut's Institute of Technology Ladkrabang- Thailand

International Advisory Boards Members

Albert Ziegler Friedrich-Alexander-University of Erlangen-Nürnberg, Germany
Gillian Roehric UCON, US
Hanna David Tel Aviv University (Emiratus), Gifted Education, Israel
Joseph Renzulli University of Connecticut, US

International Scientific Committee Members

Abdullah Eker Kilis University, Turkiye
Connie Phelps Emporia State University, US
Deniz Kaya Nevsehir University, Turkiye
Fatma Erdoğan **Firat University, Turkiye**
Gokhan Ilgaz Trakya University, Turkiye
Hakan Sarıçam Sivas Cumhuriyet University, Turkiye
Hanna David Tel Aviv University (Emiratus), Israel
Hatice Yalçın KTO Karatay University, Turkey
Inderbir Kaur Sandhu Singapore University of Social Sciences, Singapore
Keri Guilbault Jhon Hopkins University, US
Kimberly M. McCormick University of Cincinnati
Martina Brazzolotto Talent Education Center, Finland
Melodi Ozyaprak Jhon Hopkins University, US
Michael Shaughnessy Eastern New Mexico University, US
Nida Gökden Kaya Hitit University, Turkiye
Nur Eva Malang State University, Indonesia
Osman Aslan Turhal Science and Art Center, Turkiye
Pakkapong Pongsuk King Mongkut's Institute of Technology Ladkrabang- Thailand
Peter Körner **Uludağ University, Turkiye**
Samer Mahmoud Al-Zoubi Ajloun National University, Jordan
Setyo Wahyu Wibowo Indonesia University of Education, Indonesia
Sianan Schereglman Mustafa Kemal Univertsiy
Sila Doğmaz Tunali Dokuz Eylül University, Turkiye
Suhail Al Zoubi Sultan Qaboos University, Oman
Yousef Merhkal Abd Algani The Arab Academic College for Education, Israel
Yusra Zaki Aboud King Faisal University, Saudi Arabia
Yuyus Suherman Indonesia University of Education, Indonesia

Organization Committee Members - Secretariate

Onur Ağaoğlu Mamak Science & Art Center, Turkey
Sengul Korkut Bolu University, Social Sciences Program, Turkiye and FAU Gifted Education, Germany

ICGYSE 2022 Congress Schedule
1st Day 10 December 2022

09:30-10:00 Registration Desk Open

09:30-09:40 Opening Ceremony

Monitoring of the Participants of the Farmer Professional Program

Anupong Maklai, Pakkamong Pongsuk, Piyanard Junlek

The need for the development of modern teacher characteristics of agricultural teacher trainees Bachelor of Education Program Department of Agriculture Faculty of Agriculture and Agro-Industry Surin Rajabhat University

09:40-10:40
First Session
Session Chair:
Pakkamong
Pongsuk

Phaitoon Thongsuk, Pakkamong Pongsuk, Piyanard Junlek

Growing Organic Herbs to Promote the Local Enterprises for Sustainability under the Plant Genetic Conservation project, Suratthani province, Thailand

Chanitnan Suriyawittayawate, Pakkamong Pongsuk, Piyanard Junlek

Development of a Learning Management Plan for Agricultural Subjects to Promote Learning Achievement for Hearing Impairments Student

Phongphan Mohangwa, Pakkamong Pongsuk, Piyanard Junlek

10:40-11:00 Coffee Break

11:00-11:45 | *Gifted Adolescents: An Asian Parenting Perspective*
Inderbir Kaur Sandhu

10:40-11:00 Coffee Break

Effectiveness of comprehensive guidance and counseling on improving the self- development of gifted children

Yuyus Suherman and Setyo Wahju Wibowo

12:15-12:30
Second
Sessions

Problems Dealing with Parents of Gifted Children
Ozlem Yilmaz Demirel

Session Chair:
Atike Yilmaz

Perception of Special Talent in Sports in Turkey: Examining the Views of Sports High School Teachers
Atike Yilmaz, Fatih Mirze, Şevval Akaydin, Serdar Koç

Linguistic Intelligence of Academically Gifted University Students

Samer Mahmoud Al-Zoubi and Rahiq Suhail Al-Zoubi

13:30-13:45 Coffee Break

Educational Programs on Painting for Gifted and Talented Students in Pavlador Province, Kazakhstan

Huseyin Mertol

A coalition of innovation, creativity, and peace education; a multidimensional approach to the sustainable development of global peaceful coexistence

Faruk Hadžić

12:45-13:45

Third Session

Session Chair:

Roy

Venketsamy

Teacher-learner ratio and its effect on Invitational teaching and learning

Roy Venketsamy and Zijing Hu

Intellectual Curiosity between Motives for Exploration and Goals of Future Learning

Fatema Matar

Refugee gifted students

Nisa Kaya

13:30-13:45 Coffee Break

15:15-16:30 Keynote Speech *Assessment For Learning: The Missing Element For Identifying High Potential in Low Income and Minority Groups*

Joseph S. Renzulli

16:30-16:45 Coffee Break

The Level of Talent Management Practice in Omani Universities

Yusra Mohammed Al-Mughairi, Aieman Ahmed Al-Omari and Mashaal Awadh Al-Saiari

16:45-18:00

Third Session

Session Chair:

Samer

Mahmoud Al-

Zoubi

The Role of Blended Learning in Developing Creative Thinking

Musab Yousuf Abed Rabou

Managing the leadership talents of teachers and methods of employing them in public schools in the Sultanate of Oman

Muna Khamis Rashid AL-Alawi and Khalsa Salim Hamed AL-Harhi

The effectiveness of developing a mathematical unit based on the stem model in enhancing mathematical thinking skills among students in Jordan

Mamoon M. Al-Shann, Asma Aref Alghsoon and Tariq Yousef Jawarneh

Future trends for gifted and talented education programs: Jordanian experts' perspectives

Suhail Mahmoud Al-Zoubi and Maha Al-Hendawi

18:00-18:15

Coffee Break

Multiple Identification Measures That Support Inclusion in Gifted Education

Martina Brazzolotto, Connie Phelps and Michael Shaughnessy

Evaluating the State of Gifted Education in the Gulf Cooperation Council Countries

Yusra Zaki Aboud

18:15-19:15
Third Session
Session Chair:
Samer
Mahmoud Al-Zoubi

An exploratory study of elementary gifted students' experiences during the COVID-19 pandemic in the United States

Kimberly M. McCormick and Keri M. Guilbault

*Development of a scale to **measure teachers' beliefs** toward struggles in mathematics*

Mehmet Kirmizi

2nd Day 11 December 2022

09:30-10:00

Registration Desk Open

*The Effects of Organic Materials Bedding on Growth of Earthworms African Night Crawler (*Eudrilus eugeniae*) and Posthuma (*Metaphire posthuma*)*

09:30-10:30
First Sessions
Session Chair:
Pakkapong
Poungsuk

Pattana Somniyam, Benjaewan Kumpan, Nittaya Yodket

The Learning Activity Package on Organic Frog Raising for Elementary School Students, Ban Dong Salao School, Danchang District, Suphanburi Province

Di Chen, Punyarat Kraikus, Pakkapong Pongsuk

The learning activity package on catfish raising in cement ponds for grade 6 students, Ban Dong Salao school, Danchang District, Suphanburi province

Chamlong Srisuwan, Suracha Ruekyai, Di Chen and Pakkapong Pongsuk

Growing organic herbs learning and practical networks: facilitation for learning and innovation for sustainable agriculture

Chanitnan Suriyawittayawate, Pakkapong Pongsuk and Piyarnard Junlex

Problem in operation using main events and activities of future farmers of Thailand`

Progsatorn Sinturat, Pakkapong Pongsuk, and Sarawut Intorathed

10:30-11:45 Coffee Break

An action research on defining the twice-exceptional individuals in the field of music talent and the difficulties they have in the future education process

Serdal Arslan

Asperger; a paradox of giftedness and autism: a case study

10:45-11:45
Second Sessions
Session Chair:
Osman Aslan

Emine Tuncer Gunay and Hakan Saricam

Developing of Inservice training program for teacher about twice exceptionality

Hasan Said Tortop and Gokhan Ilgaz

Examining of the Turkish gifted primary school students' creative thinking skills

Muhammed Midilli, Gökhan Özsoy and Osman Aslan

11:45-12:00 Coffee Break

12:00-13:00
Keynote Speech

Being the Family of a Gifted Child in the UK: From the Perspective of the British Education

Ahmet Sanverdi

13:00-13:15 Coffee Break

13:15-14:15 *Self-disclosure in treatment of gifted children*

Keynote Speech Hanna David

14:15-14:30 Coffee Break

Role of parents in assisting gifted students optimizing their learning potential: among learning, social, and emotional issues
Evy Tjahjono and Gracia Tiffany Sutrisno

10:45-11:45
Third Sessions
Session Chair:
Nur Eva

Teaching methods to motivate and activating new talented students in design programs

Naglaa, Sami Abdelaziz Mahmoud and Gamal, Elsayed Ali Elsamanoudy

Examining of high school gifted students' social-emotional competences?

Nur Eva, Retno Sulistiyaningsih, Henizar Rif'atur Rosyida

Examination of science and art center visual arts teachers in terms of mental wellness

Serkan Yavuz, Musa Polat, Isa Polat and Cengiz Ari

15:30-15:40 Coffee Break

Matthew Effect: A Perspective of Turkey, a principle in explaining the development of gifted children

Hatice Yalçın and Seda Sur

The effect of historical films or TV series on gifted students' views on historical subjects (example of BILSEM)

Sukru Su, Rabia Su, and Abdulkadir Saglam

10:45-11:45
Fourth Sessions
Session Chair:
Hatice Yalçın

Distance social studies teaching supported by folk songs the effect of gifted students academic achievement, self-regulation skills and extention of learning

Sengul Korkut

Examining the Critical Thinking Tendencies of Gifted Primary School Students

Osman Aslan

16:40-16:50 Coffee Break

10:45-11:45
Fifth Sessions
Session Chair:
Fatma Erdoğan

Gifted Students' challenge with geometric pattern task: reflections from strategies?

Fatma Erdonan and Neslihan Gul

Perspectives of Israeli primary mathematics teachers from the lens of social justice: a comparative study between Arab and Jewish teacher

Yousef Methkal Abd Algani and Gross Zehavit

Story problems created by elementary mathematics teacher candidates in real-life situations: an algebra learning area example

Deniz Kaya and Bahar Dinçer

17:50-18:00 Coffee Break

The Role of Omani Higher Education Institutions in Meeting the Needs of Talented Students according to Fourth Industrial Revolution

Mashaal Awadh Al-Saiari and Yusra Mohammed Al-Mughairi

Obstacles to the Development of Creativity among Palestinian School Students

Fawwaz Abu Rmeleh and Nabil Jondi

10:45-11:45
Third Sessions
Session Chair:
Suhail Alzoubi

The Extent of Creativity Practices among Palestinian School Teachers and Principals

Muna Abu Sbiat and Nabil Jondi

Constructing a Guide for Professional Competencies of Teachers of Gifted Students

Tahani Shqairat, Taleb Abu Hammad and Nabil Jondi

Model of the cycle and steps of action research in the educational field (Teaching and Learning)

Ibrahim Khalil

AUTHORS

Abdulkadir Sağlam

Ahmet Sanverdi

Aieman Ahmed Al-Omari

Anupong Maklai

Asma Aref Alghsoon

Atike Yilmaz

Bahar Dincer

Benjaewan Kumpan

Bhuthart V.Raksasiri

Cemal Avci

Chamlong Srisuwan

Chanitnan Suriyawattayawate

Connie Phelps

Deniz Kaya

Di Chen

Emine Tunçer Günay

Evy Tjahjono

Faruk Hadžić

Fatema Matar

Fatih Mirze

Fatma Erdogan

Fawwaz Abu Rmeleh

Gokhan Ilgaz

Gokhan Ilgaz

Gökhan Özsoy

Gracia Tiffany Sutrisno

Gross Zehavit

Hakan Sariçam

Hanna David

Hasan Said Tortop

Hatice Yalçın

Henizar Rif'atur Rosyida

Hüseyin Mertol

Ibrahim Khalil

Inderbir Kaur Sandhu

Joseph S. Renzulli

Keri M. Guilbault

Khalsa Salim Hamed AL-Harathi

Kimberly M. McCormick

Mahmoud and G. E. Ali Elsamanoudy

Mamoon M. Al-Shannaq

Martina Brazzototto

MNE, Turkiye

Independent Researcher, UK

Sultan Qaboos University, Oman

King Mongkut's Institute of Technology Ladkrabang, Thailand

Sultan Qaboos University, Oman

Muş Alparslan University, Turkiye

Izmir Deokrasi Universty, Turkiye

Uttaradit Rajabhat University, Thailand

Silpakorn University, Phetchaburi IT Campus, Thailand

Bolu Abant Izzet Baysal University, Turkiye

King Mongkut's Institute of Technology Ladkrabang, Thailand

King Mongkut's Institute of Technology Ladkrabang, Thailand

Emporia State University, US

Nevşehir Hacı Bektaş Veli University, Turkiye

King Mongkut's Institute of Technology Ladkrabang, Thailand

Sivas Cumhuriyet University, Turkiye

University of Surabaya, Indonesia

Independent researcher, Bosnia and Herzegovina

Independent Researcher, RAK, United Emirates

Mus Alpaslan University, Turkiye

Firat University, Turkiye

Ministry of Education, Palestine

Trakya University, Turkiye

Trakya University, Turkiye

Ordu University, Turkiye

University of Surabaya, Indonesia

Bar- Ilan University, Israel

Sivas Cumhuriyet University, Turkiye

Tel Aviv University (Emerita), Israel

Trakya University, Turkiye

KTO Karatay University, Turkiye

Universitas Negeri Malang, Indonesia

Gaziosmanpaşa University, Turkiye

University of Bisha- Kingdom of Saudi Arabia

Singapore University, Singapore

The University of Connecticut, US

Jhon Hopkins University, US

Sultan Qaboos University, Oman

University of Cincinnati, US

Ajman University, UAE

Yarmouk University, Jordan

Talent Education Center, Finland

Mashaël Awadh Al-Saiari	University of Technology and Applied Science, Oman
Mehmet Kirmizi	Texas University, US
Michael Shaughnessy	ENMU, US
Mohammad Ali Alzubi	Ajloun National University
Muhammed Midilli	MNE, Turkiye
Muna Abu Sbiat	Hebron University, Palestine
Muna Khamis Rashid AL-Alawi	Sultan Qaboos University, Oman
Musa Polat	MNE, Turkiye
Musab Yousuf Abed Rabou	Hebron University, Palestine
Nabil Jondi	Hebron University, Palestine
Naglaa Sami Abdelaziz	Ajman University, United Arab Emirates
Naglaa Sami Abdelaziz Mahmoud	Ajman University, UAE
Neslihan Gul	MNE, Turkiye
Nisa Gökden Kaya	Universitas Hitit University, Turkiye
Nittaya Yodket	Uttaradit Rajabhat University, Thailand
Nur Eva	Malang State University, Indonesia
Nur Eva	Universitas Negeri Malang, Indonesia
Osman Aslan	MNE, Turkiye
Ozlem Yılmaz Demirel	Karamanoğlu Mehmet Bey University, Turkiyr
Pakkapong Pounsuk	King Mongkut's Institute of Technology Ladkrabang, Thailand
Pattana Somniam	Uttaradit Rajabhat University, Thailand
Phaitoon Thongsuk	King Mongkut's Institute of Technology Ladkrabang, Thailand
Piyanard Junlek	King Mongkut's Institute of Technology Ladkrabang, Thailand
Progsatorn Sinturat	King Mongkut's Institute of Technology Ladkrabang, Thailand
Punyarat Kraikusuk	King Mongkut's Institute of Technology Ladkrabang, Thailand
Rabia Su	MNE, Turkiye
Rahiq Suhail Al-Zoubi	Ajloun National University
Retno Sulistyaningsih	Universitas Negeri Malang, Indonesia
Roy Venketsamy	University of Free State, South Africa
Samer Mahmoud Al-Zoubi	Ajloun National University
Sarawut Intorathed	King Mongkut's Institute of Technology Ladkrabang, Thailand
Seda Sur	MNE, Turkiye
Sengul Korkut	Bolu Abant İzzet Baysal University, Turkiye
Serdal Arslan	Erciyes University, Turkiye
Serdar Koc	Muş Alparslan University, Turkiye
Serkan Yavuz	Inonu University, Turkiye
Setyo Wahyu Wibowo	Universitas Pendidikan Indonesia, Indonesia
Sevval Akaydin	Muş Alparslan University, Turkiye
Suhail Mahmoud Al-Zoubi	Sultan Qaboos University, Oman
Sukru Su	Manavgat Science and Art Center, Turkiyr
Suracha Ruekyai	King Mongkut's Institute of Technology Ladkrabang, Thailand
Tahani Shqairat	Hebron University, Palestine
Tariq Yousef Jawarneh	Sultan Qaboos University, Oman

Worachet Thuanthum	Uttaradit Rajabhat University, Thailand
Yousef Merhkal Abd Algani	The Arab Academic College for Education, Israel
Yousra Mohammed Al-Mughairi	Sultan Qaboos University, Oman
Yusra Aboud	King Faisal University, Saudi Arabia
Yusra Mohammed Al-Mughairi	University of Technology and Applied Science, Oman
Yusra Zaki Aboud	King Faisal University, Saudi Arabia
Yuyus Suherman	Universitas Pendidikan Indonesia, Indonesia
Zijing Hu	University of Johannesburg, South Africa
MNE: Ministry of National Education of Turkiye	

CONTENTS

No	Title	Page
	Editor's Preface	1
	ICGYSE 2022 Congress Schedule	2
	Authors	9
	Contents	12
1	Monitoring of the Participants of the Farmer Professional Program	15
2	The need for the development of modern teacher characteristics of agricultural teacher trainees Bachelor of Education Program Department of Agriculture Faculty of Agriculture and Agro-Industry Surin Rajabhat University	16
3	Growing organic herbs to promote the local enterprises for sustainability under the plant genetic conservation project, Suratthani province, Thailand	18
4	Development of a learning management plan for agricultural subjects to promote learning achievement for hearing impairments student	19
5	Gifted adolescents: an Asian parenting perspective	20
6	Effectiveness of comprehensive guidance and counseling on improving the self-development of gifted children	21
7	Problems dealing with parents of gifted children`	22
8	Perception of special talent in sports in Turkey: examining the views of sports high school teachers	23
9	Linguistic intelligence of academically gifted university students	24
10	Educational programs on painting for gifted and talented students in Pavlador Province, Kazakhstan	25
11	A coalition of innovation, creativity, and peace education; a multidimensional approach to the sustainable development of global peaceful coexistence	26
12	Teacher-learner ratio and its effect on Invitational teaching and learning	28
13	intellectual curiosity between motives for exploration and goals of future learning`	29
14	Refugee gifted students`	30
15	Assessment for learning: the missing element for identifying high potential in low income and minority groups	31
16	The level of talent management practice in Omani universities	32
17	The role of blended learning in developing creative thinking	33
18	Managing the leadership talents of teachers and methods of employing them in public schools in the Sultanate of Oman	34

19	The effectiveness of developing a mathematical unit based on the stem model in enhancing mathematical thinking skills among students in Jordan	35
20	Future trends for gifted and talented education programs: Jordanian experts' perspectives	36
21	Multiple identification measures that support inclusion in gifted education	37
22	Evaluating the state of gifted education in the gulf cooperation council countries	38
23	An exploratory study of elementary gifted students' experiences during the COVID-19 pandemic in the United States	39
24	Development of a scale to measure teachers' beliefs toward struggles in mathematics	40
25	The effects of organic materials bedding on growth of earthworms african night crawler (<i>Eudrilus eugeniae</i>) and posthuma (<i>Metaphire posthuma</i>)	42
26	The learning activity package on organic frog raising for elementary school students, Ban Dong Salao School, Danchang District, Suphanburi Province	43
27	The learning activity package on catfish raising in cement ponds for grade 6 students, Ban Dong Salao school, Danchang District, Suphanburi province	44
28	Problem in operation using main events and activities of future farmers of Thailand	45
29	An action research on defining the twice-exceptional individuals in the field of music talent and the difficulties they have in the future education process	46
30	Asperger; a paradox of giftedness and autism: a case study	48
31	Developing of inservice training program for teacher about twice exceptionality	49
32	Examining of the Turkish gifted primary school students' creative thinking skills	50
33	Being the family of a gifted child in the UK: from the perspective of the British Education System	52
34	Self-disclosure in treatment of gifted children	53
35	Role of parents in assisting gifted students optimizing their learning potential: among learning, social, and emotional issues	54
36	Teaching methods to motivate and activating new talented students in design programs	55
37	Examining of high school gifted students' social-emotional competences?	56
38	Examination of Science and Art Center Visual Arts Teachers in Terms of Mental Wellness	57
39	Matthew Effect: A Perspective of Turkey, a principle in explaining the development of gifted children	58
40	The effect of historical films or TV series on gifted students' views on historical subjects (example of BILSEM)	59
41	Distance social studies teaching supported by folk songs the effect of gifted students academic achievement, self-regulation skills and extention of learning	60

42	Examining the critical thinking tendencies of gifted primary school students	61
43	Gifted Students’ challenge with geometric pattern task: reflections from strategies?	62
44	Perspectives of Israeli primary mathematics teachers from the leans of social justice: a comparative study between Arab and Jewish teacher	63
45	Story problems created by elementary mathematics teacher candidates in real-life situations: an algebra learning area example	64
46	Examination of pre-service teachers' knowledge of functions and related concepts	66
47	The role of Omani higher education institutions in meeting the needs of talented students according to fourth industrial revolution	67
48	Obstacles to the development of creativity among Palestinian school students	68
49	The extent of creativity practices among Palestinian school teachers and principals	69
50	Constructing a guide for professional competencies of teachers of gifted students	70
51	Model of the cycle and steps of action research in the educational field (teaching and learning)	71

Note: Considering the distribution of proceedings presented by the participants attending ICGYSE 2022, it is seen that 16 of them are from Turkiye and 36 of them are from different countries. In this respect, the ICGYSE congress meets the "*international congress*" conditions according to the criteria of the Turkish Higher Education and Inter-University Board (UAK).