

BOOK OF PROCEEDINGS

ICGYSE 2021

International Congress on Gifted Youth and Sustainability of the Education

2nd International Congress on Gifted Youth and Sustainability of Education (ICGYSE)

18-19 December 2021
Istanbul - TURKEY

EDITED BY
HASAN SAID TORTOP

ICGYSE 2021

**2nd International Congress on Gifted Youth
and Sustainability of Education (ICGYSE)**

18-19 December 2021

Istanbul, Turkey

Proceedings Book

Hasan Said Tortop
Editor

Hosted by:

Association for Young Scientists and Talent Education

Istanbul, Turkey

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.

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**2nd International Congress on Gifted Youth and Sustainability of
Education (ICGYSE)**

Proceedings Book

**Edited by
Assoc. Prof. Hasan Said Tortop**

Editor's Preface

Dear Academics,

It has been understood that gifted young people are the only dynamic that will produce solutions to the problems of humanity with the pandemic. The most fundamental problem of gifted youth is education. The main problem is the lack of skill-oriented education. Another problem is the problem of continuity, which is necessary in the development of talent. Sustainability of education will now be one of the most talked about topics in the future. The ICGYSE congress will continue to be a platform where papers are presented not only on gifted education, but also on all fields of education. In this congress, we had the opportunity to listen to the papers of many academics from different countries. Also, thank you to the keynote speakers.

Keynote Speech 1: *Creativity in Gifted Education*; Fernanda Hellen R. Piske, Prefeitura Department of Education in Curitiba, Brasil

Keynote Speech 2: *Effectiveness of Peace Teachings for Sustainable Development*, Dr. Muhammad Nasir Khan, Pakistan

Keynote Speech 3: *Giftedness, Talent, Environment and Culture*; Prof. Dr. Dawood A. Y. Al-Hidabi, Faculty of Education, International Islamic University, Malaysia

Our congress, organized by Young Wise Publishing Ltd., is an important company, especially in academic publishing, in Turkey for 5 years and in England for a year. He currently manages the publications of 7 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

Istanbul, Turkey – 2021

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ICGYSE 2021 Congress Schedule

1st Day 18 December 2021

09:30-10:00 Registration Desk Open

09:50-10:00 Opening Ceremony

How is the Psychological Well-being of Gifted Students who Have Studied in the Accelerated Program?

Nur Eva, Aji Bagus Priyambodo, Nono Hery Yoenanto

Education for Sustainable Development-Based Lesson Plan Validity Test for Mastery of Pre-service Science Teacher Learning Outcomes

10:00-11:15
First Session
Session Chair:
Teuta Agaj
Avdiu

Nia Erlina, I Nyoman Suardana, Iwan Wicaksono, Paken Pandiangan, A. A. Ketut Budiastira

Albanian Gerundial Subordinate Clauses that Fill Nominal Roles and Their Correspondents in English

Teuta Agaj Avdiu

An Example of Instructional Design with an Interdisciplinary Approach in Informal Learning Environments: I Discover the Ancient City of Side

Şükrü Su

11:15-11:30 Coffee Break

Evaluating the Current State of the Education of Gifted Children in Turkey

Emine Yasemin Kavaklioğlu, Serpil Sapan, Derya Kavgaoğlu

Social and Humane Entrepreneurship as a Possibility for Young People; Balkans Inquiry

11:30-12:45
Second
Sessions
Session Chair:
Derya
Kavgaoğlu

Faruk Hadžić

Satisfaction with Marketing Mix that Affects Consumers' Decision on Consumption of Native Chicken in Phetchaburi Province and Prachuap Khiri Khan in Thailand

Bhutharit Vittayaphattananurak Raksasiri, Komkrit Thongklai, Chaiwat jamjan, Saksit Kueakan, Wuttichai Sahattacho

Institutional Readiness for the Utilisation of Policies, Technology, Physical and Social Spaces: Implications for the Leadership

Matshediso Rebecca Modise

Institution Introductions: Universidad Internacional Abierta Generalísimo Sebastian Francisco de Miranda José

José Osuna Expósito

12:45-13:45
Introduction/
Advertisement
Session
Session Chair:
Hasan Said
Tortop

The New Platform for Gifted Students and Their Parents to Meet Gifted' Mentors: giftedupoint.com

Hasan Said Tortop

The New Academic Journal for Talent Development: Journal for the Agriculture, Biotechnology and Education (JABEdu)

Pakkapong Pongsuk

Orange Economy: Creativity, Innovation & Technology Project

José Osuna Expósito, Mónica López Sieben

13:45 -14:45
Third Sessions
Session Chair:
Hasan Said
Tortop

Deficiencies in Identifying Twice Exceptional Students: The Case of Turkey

Hasan Said Tortop, Gökhan Ilgaz

Effectiveness of Peace Teachings for Sustainable Development

Muhammad Nasir Khan

14:45-15:00

Coffee Break

15:00 -16:00
Keynote Speech

Creativity in Gifted Education

Fernanda Hellen Ribeiro Piske

Phenomenological Study of the Experience of Parent Advocates of Students Diagnosed with ADHD

Melissa Malen

16:00-17:30
Fourth Sessions
Session Chair:
Yusra Zaki
Aboud

The Reliability and Validity of Saudi – Translated Version of The Gifted Rating Scales – School

Yusra Zaki Aboud

Academic Coaching Supports for Underachieving Gifted Students

Melissa Malen

Perceptions of Gifted Students, Mothers, Teachers, Principals and Educator About School Service

Fernanda Hellen Ribeiro Piske

17:30-18:00 **Cultural Tour: Bosphorus Tour, Galata**
Hasan Aliyev

2nd Day 19 December 2021

09:30-10:00 Registration Desk Open

The Effects of Helicopter Parenting Attitude Perceived by Gifted Adolescents on Resilience Levels

Hatice Yılmaz, Hatice Yalçın

Hidden Faces in Contemporary Portrait Paintings

Ümit Özkanlı

10:00-11:15
First Sessions
Session Chair:
Hatice Yalçın

Conditions in schools for the use of technology

Shqipe Avdiu-Kryeziu, Albina Halili

The Importance of Technology in the Education of Gifted in the Context of 21st Century Skills

Nisa Gökden Kaya, Hüseyin Mertol

Sustaining Creativity for Gifted: An Interior Design Perspective

Naglaa Sami Abdelaziz Mahmoud, Gamal Elsayed Ali Elsamanoudy

11:15-11:30 Coffee Break

The Impact of Homework on Raising Mathematics Achievement among Middle School Students

Yousef Methkal Abd Algani, Amal Sharif- Rasslan and Younis Fareed Abo Alhaija

11:30-12:45
Second Sessions
Session Chair:
Yousef Methkal
Abd Algani

Opinions of Primary School Mathematics Teacher Candidates About the Use of Teaching Activities in Mathematics Lessons

Esra Macit, Sema Nacar

Grade 9 Learners Understanding of the Concepts of Addition and Subtraction of Fractions

Methuseli Moyo, France M. Machaba

Examining the Theses About Gifted Students in Mathematics Teaching in Turkey

Esra Macit, Sema Nacar

12:45-13:45 Lunch

13:45-14:45 ***Giftedness, Talent, Environment and Culture***
Keynote Speech Dawood A. Y.Al-Hidabi

14:45-15:00 Coffee Break

Creativity and Softskills for XXI Century

José Osuna Expósito, Mónica López Sieben

The Artist's Approach to Herself /Himself as an Art Object in the Pandemic

Ümit Özkanlı

Teacher to Learn: Soft Skills Not Acquired a High Level of Education

José Osuna Expósito, Mónica López Sieben

15:00-16:30
Third Sessions
Session Chair:
Ümit Özkanlı

Environmental Sensitivity of Gifted Children: A Picture Analysis Based Research

Şengül Korkut

STEM Learning Approach Views and Carrier Awareness of In-Service Science Teachers: Cross-Sectional Mixed Method on STEM-TPACK Investigations

Abdurrahman Agus Suyatna, Hervin Maulina, Novinta Nurulsasri

Role of Agriculture in Sustainable Development

Jabar Zaman Khan Khattak

16:30-16:45 Closing Ceremony

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Note: Considering the distribution of proceedings presented by the participants attending ICGYSE 2021, it is seen that 11 of them are from Turkey and 24 of them are from different countries. In this respect, the IRMC congress meets the "**international congress**" conditions according to the criteria of the Turkish Higher Education and Inter-University Board (ÜAK).

Paper ID: ICGYSE1

Type: Oral, Abstract

Article topics in the ICGYSEducation: Gifted Education

How is the Psychological Well-Being of Gifted Students Who Have Studied in the Accelerated Program?

Nur Eva, Aji Bagus Priyambodo and Nono Hery Yoenanto

Universitas Negeri Malang, Universitas Negeri Malang, Universitas Airlangga, Indonesia

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Abstract

The psychological well-being of gifted students is interesting to study, especially regarding the impact of the acceleration program that gifted students have participated in during their studies in high school and junior high school. The purpose of this study is to determine the dynamics of psychological well-being in students who have studied in the acceleration program during high school or junior high school. The research method that has been used is a qualitative method with a phenomenological type. Methods of collecting data with in-depth interviews. There were five participants from Indonesian students and aged 20 -22 years. Data were analyzed by classifying themes. The results of the study explain that students who have participated in the acceleration program have good psychological well-being. They are able to use the positive and negative experiences gained during the acceleration program to become the basis for developing psychological well-being. Based on these findings, the acceleration program for gifted students in Indonesia still needs to be continued for facilities for gifted students.

Keywords:

gifted students, psychological well-being, acceleration program

Paper ID: ICGYSE2

Type: Oral, Abstract

Article topics in the ICGYSEducation: Science Education

Education for Sustainable Development-Based Lesson Plan Validity Test for Mastery of Pre-service Science Teacher Learning Outcomes

Nia Erlina, I Nyoman Suardana, Iwan Wicaksono, Paken Pandiangan and A. A.
Ketut Budiastira

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Abstract

Higher education has the responsibility to be a source of development and implementation of education for sustainable development, which is a global issue. This modality can be operationalized through a lesson plan. Education for a sustainable development-based lesson plan is a plan that utilizes project-based learning as part of active learning recommendations for college students. Updating lesson plans is an activity that pre-service teachers must carry out to ensure professionalism that follows the development of science. This study aims to test the validity and reliability of experts and users of updating lesson plans for mastery of learning outcomes, collecting data using documentation and questionnaires on three experts and 42 pre-service science teachers. Validation test using Pearson product-moment correlation for validity and Cronbach-Alpha for Reliability. The results of the validity assessment are categorized as high validity. The level of agreement reliability between experts and users generates no significant differences in the evaluation.

Keywords:

education for sustainable development, lesson plan, pre-service science teacher, learning outcomes

Paper ID: ICGYSE3

Type: Oral, Abstract

Article topics in the ICGYSEducation: EFL and Language Education

Albanian Gerundial Subordinate Clauses That Fill Nominal Roles And Their Correspondents In English

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Abstract

In language teaching the most popular claim has been that the best language-teaching materials are based on a comparison of the two linguistic systems. Contrastive analysis is attracting the interest of many linguists as it is used as a method which explains why some features of a target language are more difficult to acquire than others.

This contrastive analysis will enable the readers to be acquainted with the main differences and similarities of the gerundial clauses between Albanian and their correspondents in English regarding their structures and nominal functions. By studying the main differences and similarities in both languages, it is supposed that many of the mistakes and errors that are done while using this type of non-finite clause might be avoided considerably.

The examples presented in this study are extracted from the literary works such as: "Gjenerali i ushtrisë së vdekur" written by Ismail Kadare and translated by Derek Coltman as "The General of the dead army"; "Prilli i thyer" written by Ismail Kadare and translated by Vintage Books, London as "Broken April" and "Kronikë në gurë" written by Ismail Kadare and translated by Arshi Pipa as "Chronicle in Stone". These literary works play an important role in consolidating and revealing the similarities and differences between Albanian gerundial subordinate clauses and their translated equivalents in English.

Keywords:

dependent clause, nominal function, affirmative gerundial clause, negative gerundial clause etc.

Paper ID: ICGYSE4

Type: Oral, Abstract

Article topics in the ICGYSEducation: Educational Program and Instruction

An Example of Instructional Design with an Interdisciplinary Approach in Informal Learning Environments: I Discover the Ancient City of Side

Şükrü Su

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Abstract

The fact that gifted students are conscious of history is mentioned as character education and wisdom education in many education programs. The province of Antalya is an important place in terms of gaining awareness of history, culture and nature, and it is one of the rare cities where effective educational strategies can be applied/developed for the development of these aspects in gifted students. In this context, the problem of this research is to create an instructional design with an interdisciplinary approach in informal learning environments in order to guide history educators by using the environmental opportunities of this culturally rich city. The model of the research is action research. The universe of the study is the Science and Art Centers operating in Turkey, the sample is "general mental", "music" and "general mental", who continue their education in the Manavgat Science and Art Center (9-12) age range Support and Individual Abilities Awareness (BYF) programs. Consists of a total of sixty (60) students randomly selected from the "painting" skill areas. The activities prepared in the research were primarily applied in the classroom environment, but the desired result could not be achieved. Within the scope of the workshop, trips to museums and historical ruins were organized, but they were insufficient. Afterwards, the work was turned into a project in cooperation with the Side Museum and workshops were established. As a result of the activities carried out in out-of-school environments, it has been observed that the awareness of the students about protecting the cultural heritage has increased, the cultural heritage phenomenon has been internalized more in the minds of the participants and their sensitivity level has increased in terms of protecting the historical heritage.

Keywords:

Special talents, Informal Learning environments, cultural heritage

Paper ID: ICGYSE5

Type: Oral, Abstract

Article topics in the ICGYSEducation: Gifted Education

Evaluating the Current State of the Education of Gifted Children in Turkey

Emine Yasemin Kavaklioğlu¹, Serpil Sapan and Derya Kavgaoğlu

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Abstract

The aim of this study was to analyze the current situation in Turkey regarding the evaluation, diagnosing, procedure of creating a curriculum, methods of providing education, methods of determining superior functionality skills, or talents, and the methods by which these talents are nurtured among children with high intelligence within the academic environment. Accordingly, this study has sought to answer the following question: What is the current context in which gifted children/children with high intelligence are receiving education in Turkey? The current study was established based on a compilation of relevant literature. Within this study, qualitative evaluations from hospitals, clinical environments, counseling centers, and rehabilitation centers where gifted children can be evaluated in Turkey were examined, as well as the results of all intelligence testing used in schools and the qualitative evaluation of testers were examined – the tests used, and the diagnostic criteria were analyzed in the diagnostics section. Within the scope of this study, the process between the diagnosis of high intelligence within a child to transitioning into education and determining superior functional abilities is limited in Turkey. Generally, children with high intelligence have superior functional abilities, or talents, the unveiling of which are heavily dependent on the educators and the intelligence testers. In line with the results, this study will contribute to the revision of the current curriculum for gifted children and convey some guidelines and apt methods for field specialists to create the most appropriate curriculum for the gifted children in Turkey.

Keywords:

Intelligence, superior intelligence, diagnosis of superior intelligence, curriculum for the gifted.

Paper ID: ICGYSE6

Type: Oral, Speech

Article topics in the ICGYSEducation: Sustainable Development

Social and Humane Entrepreneurship as a Potentiality For Young People; Balkans Inquiry

Faruk Hadžić

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Abstract

This paper aims to describe and analyze social and humane entrepreneurship, social enterprise, and social entrepreneur with a significant aspect on the framework of Western Balkans. Besides, the study examines the notion of social economy and the origins of the development of social entrepreneurship in Western Balkans, aiming to investigate possibilities of young people within the establishing of social enterprise in those countries (i.e., principally an EU member, Croatia, and Bosnia and Herzegovina). Finally, examples are given that support the described and reviewed theories. The social economy, and social entrepreneurship, are some of the pillars of the EU's vision for sustainable development. The EU clearly defines and envisages various forms of companies that solve social and environmental problems in an economically sustainable way. It is recognized as a form of entrepreneurship that, by its very structure and purpose, takes care of the local community's well-being in which it operates, considers the social and environmental effects of its activities, and represents a long-term stable and sustainable way of doing business. The current Western Balkans socioeconomic position and the unemployment increase (mainly young) should give prospects for social entrepreneurship. However, social and humane entrepreneurship is still vastly unrecognized for official institutions, entrepreneurs, and citizens themselves, composing a tiny part of the economy. Social inequality, economic youth improbability, migration of the population, growing nationalism, and climate change challenge Western Balkans. Traditional companies should introduce corporate social responsibility policies, measure environmental and social performance in non-financial corporate reporting, and consider their sustainability. The social enterprises should indicate what entrepreneurship should represent by their example, contributing to the community's sustainable development. The objective Strategy is needed, and a review of the position on social entrepreneurship and the possibilities it opens up with access to an essential factor of recovery after Covid-19. The citizen's awareness of imperceptibly different value systems based on solidarity and empathy is crucial. Social entrepreneurship in the region is mainly associated with the work integration of vulnerable (e.g., persons with disabilities), but the emphasis is not on hard-to-employ young people - the model of youth potentiality.

Keywords:

Social entrepreneurship, Humane entrepreneurship, Young People, Social Economy, Western Balkans, Potentiality

Paper ID: ICGYSE7

Type: Oral, Abstract

Article topics in the ICGYSEducation: Agriculture and Biotechnology Education

Satisfaction with marketing mix that affects consumers' decision on consumption of native chicken in Phetchaburi province and Prachuap Khiri Khan province in Thailand

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Abstract

A study on the satisfaction of marketing mix affecting the consumption decision on native chickens of the people in Phetchaburi provinces and Prachuap Khiri Khan provinces in Thailand. Aimed at, study the demographic characteristics of native chicken consumers and to study the satisfaction in terms of marketing mix factors towards native chickens of consumers. Data were collected from 1,204 people. The questionnaires were accepted and analyzed for the frequency, percentage and mean, using questionnaires and testing the relationship between demographic characteristics to sex, age, religion, education level, monthly income and career and marketing mix, using chi square statistics. Found, most of the consumers are female, age between 36 to 40 years, had high school education status, most of the population is Buddhist and Muslim, monthly income 15,001 to 20,000 THB, the respondents were a farmer, most of the purchases are fresh chicken products, purchase frequency 3-4 times/week and purchase cost per time 101 to 200 THB /time. The results of the study of consumer satisfaction towards marketing mix of native chickens. Found, consumers were satisfied with the product marketing mix at the highest level. (4.46). While, price satisfaction, distribution channel, promotion channel, service, personnel and physical appearance there is a high score, with an average of 3.96, 3.96, 3.86, 3.94, 3.94 and 3.73 respectively. However, according to the results of the study, consumers are satisfied with the product marketing mix. in terms of taste the most, the second is the standard of local chicken flavor. Therefore, the taste should be preserved and the production should be improved to have a taste that is still up to the standard and pleasing to the consumer's taste, or add seasonings to get new flavors to create greater satisfaction for consumers.

Keywords:

Behavior, Native chickens and Marketing mix

Paper ID: ICGYSE8

Type: Oral, Abstract

Article topics in the ICGYSEducation: Sustainable Development

Institutional Readiness for the Utilisation of Policies, Technology, Physical and Social Spaces: Implications for the Leadership

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Abstract

This paper seeks to examine the readiness of higher institutions towards the implementation of technological revolution, policies, and utilisation of physical and social spaces. Practices and the delivery of higher institutions are changed by the use and application of policies, technologies, physical and social spaces. The fast-growing information on technological development and changes in physical and social spaces have both positive and negative impact on the human life. The impact is almost in business, government, and education. However, the outbreak of the Covid 19 pandemic also revealed how deficient or inefficient some of the institutions for sudden changes can be, including higher institutions. A qualitative research approach was used to generate data through semi structured individual face to face interviews. Thematic data analysis was adopted to analyse the collected data. The theory underpinning this research is the Activity Theory, the model system which Kirkuk and Kirkwood say emphasises aspects of the context that must be considered when examining tool use within a specific setting. Results reveal that the implementation of technological Revolutions and utilisation of physical and social space come with both positive and negative impacts. The findings further revealed that, the institutional leadership has a role to play in constraining and enabling the use and application of policies, technological revolution, physical and social space. This paper concludes by considering the implications of the institution's readiness to policy and practice. The leadership in Higher institutions require understanding of their current, utilisation of policies, technological, physical, and social spaces for improved delivery and customer satisfaction. The paper recommends higher institutions leadership to take responsibility of making sure that policies mandates practice and always plan and be ready for alternative means of utilisation of space during unexpected disaster.

Keywords:

Revolution, Leadership, Technology, Customer. Covid19 Pandemic, Physical & Social space

Paper ID: ICGYSE9

Type: Oral, Abstract

Article topics in the ICGYSEducation: Sustainable Development

Institution Introductions: Universidad Internacional Abierta Generalísimo Sebastian Francisco de Miranda José

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Abstract

UNIAGSFMI

Short formations It is an accrediting certificate of the studies carried out without the need for the approval of the Baccalaureate, Preparatory or High school that guarantees and accredits the work developed by the student, in a certain field of knowledge. Basic Diploma Diploma studies are study programs designed to provide an accrediting certificate of the studies carried out without the need for the approval of the Baccalaureate Preparatory or High school that guarantees and accredits the work developed by the student and area. Pre Degree It is an accrediting certificate of the studies carried out after the approval of the Baccalaureate, Preparatory or High school that guarantees and accredits the work developed by the student, in a specific field of specialization (Knowledge Area). Postgraduate Titles: - Diplomat - Technical specialist - specialist - Magister Scientiarumo Master - Doctor - Post Doctorate UNIAGSFMI with the IICDS accredit units of competence acquired through work experience, non-formal means of training and professional training. This process allows you to accredit one or more units of professional competence, in the event that the accreditation of all the units of competence contained in a university career is achieved, it will be accredited as long as the applicant meets the requirements established for accreditation. College Careers. Objectives of the Accreditation of Learning by professional experience or Accreditation by evaluation of academic experience: areas of Business, Computer Science, Health Sciences, Psychology, Education, Security, Natural Sciences, Humanities, and Social and Legal Sciences.

Keywords:

Specialist and Soft Skills, Magister Scientiarumo, Soft Skills Accreditation, Post Doctorate

Paper ID: ICGYSE10

Type: Oral, Abstract

Article topics in the ICGYSEducation: Sustainable Development

The new platform for gifted students and their parents to meet gifted' mentors: giftedupoint.com

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Abstract

The most effective educational strategy for the gifted is mentoring. giftededupoint.com is an application designed to meet the needs of gifted individuals and their parents worldwide. giftedupoint.com has been created to offer gifted students a very important service in the context of individualization of education in the world. It monitors the tutor/mentor quality control system 24/7 with its expert and experienced team. It supports especially gifted individuals with its lively and dynamic structure and constantly improving features. Through this system, it is aimed to bring together the best quality mentor/tutor and the best mentee (gifted individual). It is the task of GiftEduPoint Team to minimize the damage caused by time, space and economic expenses by shooting to the right point. Our vision is to be at the forefront in selective innovative education solutions. GiftEduPoint is a service that offers selective innovative solutions for educational needs. With its continuous and dynamic Mentor/Tutor Quality Rating System, it helps its customers to be in the right spot. It offers Supporting Products to all stakeholders of education with a developmental approach. Dynamic and constantly evolving Supervisory Mechanisms are used to provide an environment of trust. It is a platform that meticulously carries out R&D Studies with its expert team. This platform; it offers the right match for gifted students and their parents with the Expert Mentor/Tutor Staff trained by GiftEduPoint Team. Gifted students and their parents can meet their educational needs through one-to-one or distance education. In talent development, gifted students and parents can gain knowledge and experience on the platform for the right direction. On this platform, people who can mentor for gifted people can create their own pages, share articles, columns, educational content, and videos. It is recommended that all people who have developed themselves in a specific field take place on the giftedupoint.com platform to mentor the gifted.

Keywords:

Giftedupointcom platform, mentoring, tutoring, gifted students, gifted parents, interaction

Paper ID: ICGYSE11

Type: Oral, Abstract

Article topics in the ICGYSEducation: Agriculture and Biotechnology Education

The New Academic Journal for Talent Development: Journal for the Agriculture, Biotechnology and Education (JABEdu)

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Abstract

One of the most discussed issues after the pandemic is agricultural policies. It is the production of important nutrients for human health with biotechnology. This situation will make agriculture and biotechnology education important. JABEdu has started to be published for these purposes. JABEdu is an open-access biannual journal published by Young Wise Publishing Ltd. UK, London (Company No :13484981), that publishes articles in the fields of Agriculture, Biotechnology, Education and other related interdisciplinary issues, with significant contributions to the understanding, discovering, creating new model, strategies, and improvement of the teaching and learning, and human resources development on the above-mentioned field of studies. JABEdu aims to be a scientific media sharing scientific researches, practices, theories, and ideas about agriculture, biotechnology, education and other related interdisciplinary issues. JABEdu covers issues such as Agriculture, Biotechnology, Education and other related interdisciplinary issues. The JABEdu is an international refereed scientific journal which publishes review and research article, teaching techniques and activities, book reviews, and interviews in English. Submitted articles will be evaluated in a double-blinded peer-reviewed fashion. It is thought that JABEdu will be an important platform where studies in this field are published in a very short time. In this respect, academicians studying agriculture and biotechnology are invited to JABEdu.

Keywords:

Agriculture and Biotechnology Education, Academic journal, talent development

Paper ID: ICGYSE12

Type: Oral, Abstract

Article topics in the ICGYSEducation: Sustainable Development

Positive Discipline in the Gifted Youth and Sustainability of the Education

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Abstract

To train professionals with digital creative skills that will be integrated into the labor market". The digital skills and entrepreneur skills are so important in the creative process and, again, agree in the election of those two models as the framework: Entrecomp and Digicom as foundations. Two models of competencies developed by the European Union that could be used as a framework to develop the entrepreneurial, creative and digital skills the practitioners un cultural and creative industries will need: EntreComp and DigiCom 2.0: The Digital Competence Framework for citizens. Proposed 10 competencies for O-City. 1. Spotting Opportunities: Spotting Opportunities and vision 2. Creativity Creativity & Valuing ideas 3. Working with others Working with others and mobilizing others 4. Sustainable Thinking Ethical and sustainable thinking 5. Critical Thinking Ethical and sustainable thinking 6. Planning & Management Planning & Management and self awareness and self efficacy 7. Learning Through Experience Learning through experience 8. Information & Data literacy Information & Data Literacy 9. Communication and Collaboration in digital environments Communication & Collaboration Through Technical means 10. Digital content creation Digital content creation. Application of O-City Soft Skills Positive Discipline in the Gifted Youth and Sustainability of the Education. Emotional stability: Confidence, self-esteem and composure under pressure. Ambition. Initiative, competitiveness and desire for leadership roles. Sociability: Extraversion, docile and need for social interaction. Interpersonal sensitivity: Touch, perception and ability to maintain relationships. Prudence: Self-discipline, responsibility and conscience. Curiosity: Imagination, curiosity and creative potential. Learning Style: Achievement-oriented, technology and relationships stay up-to-date.

Keywords:

Positive Discipline, entrecomp, digicom 2.0, schema of competencies, Hogan Personality Inventory

Paper ID: ICGYSE13

Type: Oral, Abstract

Article topics in the ICGYSEducation: Gifted Education

Deficiencies in Identifying Twice Exceptional Students: The Case of Turkey

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Abstract

Twice exceptionally students is the coexistence of another disability with the phenomenon of giftedness. Identification of these students is very important in terms of making adaptations in educational processes for them. In this study, the status of identifying students twice exceptionally was examined in terms of legal regulations, regulations and guidelines in Turkey. The research has the character of qualitative research and document analysis technique was used. The documents related to the selection of students for the Science and Art Center, where gifted students receive support education in Turkey, were examined in the research. These; Science and Art Center Directive, Science and Art Center Student Identification and Placement Guide, Science and Art Centers Group Screening Practitioner Guide, Individual Evaluation Process circular were examined. As a result of the examinations, the concept of "twice exceptionality" or "twice exceptionally students" or related concepts were not found in the texts containing the relevant legal regulations. In the nomination process before the diagnosis, the Observation Form filled by the classroom teachers and the subject of twice exceptionality were not addressed in the related processes. It is stated that the Group Testing stage, which is the first stage of the diagnosis made in two stages, is carried out on a tablet computer. In this process, nothing has been found about a separate measure for cases where disability and giftedness can occur together, such as Attention Deficit Hyperactivity Disorder, Learning Disability, Autism. In the guide, which contains information about the Individual Identification process, statements about the concept and explanation of "twice exceptionality" were not found. As a result of the research, it can be suggested that practices, seminars should be held for the awareness of all stakeholders involved in the diagnosis process of the "twice exceptionality" phenomenon, where giftedness and disability are seen together, and studies should be carried out to include explanations on these issues in the diagnostic process guides.

Keywords:

Gifted education, twice exceptionality, identification

Paper ID: ICGYSE14

Type: Oral, Keynote Speech

Article topics in the ICGYSEducation: Sustainable Development

Effectiveness of Peace Teachings for Sustainable Development

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Abstract

Peace teachings are the priority of education policies and practices. It is important to evaluate the effectiveness of peace teachings for further revisions in education policies and practices. Violence and crimes and adolescents' and youth are an international concern. Therefore, it is necessary to evaluate the effectiveness of peace teachings to overcome the existing situation of violence and crimes. Unfortunately, peace is the agenda but peace teachings need revisions in the teacher training programs. In the teaching and research, peace teachings should be priority. To achieve the sustainable development, it is necessary to assess the effectiveness of peace teachings. Peace teachings provide foundations for the sustainable development. The study reflects the perceptions of peace experts towards the effectiveness of peace teachings for sustainable development. The study is qualitative in nature and significant for the researchers and policy makers.

Keywords:

Peace, Teachings, Sustainable, Development, Violence

Paper ID: ICGYSE15

Type: Oral, Keynote Speech

Article topics in the ICGYSEducation: Creativity

Creativity in Gifted Education

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Abstract

The phenomenon of giftedness and creativity take place together in some theories. It is seen that the concept of creativity and its applications differ in the education of the gifted. In this talk, information will be given about how creativity should be handled in gifted education.

Keywords:

Gifted education, creativity, applications.

Paper ID: ICGYSE16

Type: Oral, Speech

Article topics in the ICGYSEducation: Gifted Education

Phenomenological Study of the Experience of Parent Advocates of Students Diagnosed with ADHD

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Abstract

Advocates of students with ADHD in the school system are usually parents who become advocates in response a call for parental involvement from the school. Parent advocates are confronted with many challenges, primarily the daunting, solitary task of advocating for a child who is viewed by teachers and peers as unruly, disrespectful and underachieving. Parent advocate resources include legal and medical resources about ADHD provided by advocacy organizations and clinicians. Topics include medical diagnosis, treatment, and educational rights and planning. Diverse ADHD resources include giftedness, physiology (including the impact of brain maturation, dietary omega-3, ferritin levels, pediatric sensory issues, and eye conditions), environment and exercise. This study uses a phenomenological research method to further understand the experience of parent advocates, specifically by interviewing parent advocates of students with ADHD in school. Findings include several themes organized in the following four categories: 1) Identifying and Treating ADHD in the School Context, 2) ADHD Advocates Need more Support from Schools, 3) Advocate Experience with the School is a Swinging Pendulum and 4) Advocates Struggle to Pave a Path for Success. This thesis explores the experience of parent advocates of students with ADHD in school to further understand their experience.

Keywords:

Gifted Student, ADHD, Twice Exceptional, Parent Advocate, Counselling, Academic Coaching

Paper ID: ICGYSE17

Type: Oral, Abstract

Article topics in the ICGYSEducation: Gifted Education

The Validity and Reliability of the Gifted Rating Scales–School in Saudi Arabia

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Abstract

The GRS-S, or Gifted Rating Scales–School Form, is a teacher-completed rating scale that is used to identify six different giftedness. With a sample of 1200 Saudi elementary and middle school students, this study investigates the reliability and validity of a Saudi-translated version of the GRS-S. Results showed that the reliability and validity of all six of the GRS-P subscales were high. The results revealed that there were no differences between males and females in all subscales except the leadership scale. There were no differences according to grade. The current research supports the development of a Saudi-translated version of the GRS-S. The study recommended using the rating scale as a screening tool in Saudi Arabia to help gifted students.

Keywords:

Gifted Rating scales, gifted, validity, reliability, Saudi Arabia.

Paper ID: ICGYSE18

Type: Oral, Speech

Article topics in the ICGYSEducation: Gifted Education

Academic Coaching Supports for Underachieving Gifted Students

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Abstract

Gifted students unfortunately are at risk of underachievement, especially if they have a neurodiversity that undermines academic performance because it generates challenges with the student's executive function skills. Common challenges are related to initiating and persisting to complete tasks, thus students experiencing these challenges frequently turn work in late, incomplete or do not turn in work. As a result, students earn low grades which do not reflect their achievement in learning accurately, but reflect challenges they demonstrate with executive function. Academic coaching helps students improve learning and achievement by supporting students that have challenges resulting from diagnoses with ADHD (Attention Deficit Hyperactivity Disorder), Non-Verbal Learning Disability (NVLD) dyslexia, dysgraphia or Autism Spectrum Disorder (ASD), as well as Anxiety and Depression. Academic coaching helps students further understand executive function (EF), behaviors that indicate EF challenges exist and tools and accommodations for supporting students in developing executive function skills and increasing achievement.

Keywords:

Gifted Student, ADHD, Twice Exceptional, Academic Coaching, excellence gaps, neurodiversity

Paper ID: ICGYSE19

Type: Oral, Abstract

Article topics in the ICGYSEducation: Gifted Education

Perceptions of Gifted Students, Mothers, Teachers, Principals and Educator About School Service

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Abstract

Adequate specialized service for gifted children is essential so that each dimension of their cognitive, social and emotional development is met. Unfortunately, there are still schools that are not prepared to deal with the special educational needs of gifted children. This research is justified to reveal how gifted students are being served, if the way that schools offer their service meets the needs of these children. In this sense, this research seeks to investigate the perceptions of gifted students, their mothers, teachers, principals and regular classroom educator regarding school service, teaching strategies and the role of creativity in the education of these children. This article is not limited to the perceptions of students, teachers and families, but also seeks the perception of the management team. This article presents a qualitative and exploratory approach with semi-structured interviews, observations and a questionnaire that were used as data collection instruments with 3 gifted students, 2 mothers, 5 teachers, 2 principals and 1 regular classroom teacher, totaling 13 participants . The perceptions of gifted students, their mothers, teachers, principals and regular classroom educator regarding school attendance make an important alert to the schools surveyed so that the teaching strategies and educational measures being taken are reassessed, since the Most participants expressed dissatisfaction with the care provided to gifted children.

Keywords:

gifted, perceptions, school, specialized service.

Paper ID: ICGYSE20

Type: Oral, Abstract

Article topics in the ICGYSEducation: Psychological Counselling and Guidance

The Effects of Helicopter Parenting Attitude Perceived by Gifted Adolescents on Resilience Levels

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Abstract

In this study; The effect of helicopter parenting attitude perceived by gifted adolescents on their psychological resilience levels was investigated. Giftedness is a dynamic concept that emerges as a result of interaction between the child and family characteristics. A positive parental attitude makes a substantial contribution to the adolescent's emotional development. The universe of the research; 12-18 year old adolescents studying at BİLSEM across Turkey. After getting approval from the Ministry of National Education; All BİLSEM institutions across Turkey were reached and gifted adolescents aged 12-18 were provided to fill out the questionnaire via the internet (N=528). According to the results obtained from the research; Gifted adolescents perceive their parental attitudes as both tolerant and overprotective. Overprotective parental attitudes; increases the anxiety levels of adolescents. Self-perceptions, family relationships and well-being levels of gifted adolescents are negatively affected by overprotective attitudes. It has been determined that if parenting attitudes are overprotective, the level of anxiety increases in gifted adolescents.

Keywords:

helicopter parenting attitude, gifted adolescent, resilience level

Paper ID: ICGYSE21

Type: Oral, Abstract

Article topics in the ICGYSEducation: Art Education

Hidden Faces in Contemporary Portrait Paintings

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Abstract

The aim of this study is to explain the difference between the traditional portrait paintings and contemporary portrait paintings as the representation of the individual. The study is qualitative in character; The literature review was prepared by the descriptive method. Books, magazines and documents, photographs and exhibited pictures available on the internet were used as data collection tools. Within the scope of the study, The focus was on the works on portraits in the art of painting in the XX. century, and in this regard, the personal exhibition of Ümit Özkanlı titled "Hidden Faces" was emphasized. At the point of analysis of the data, explanations and comments about the pictures reached are included. Study is limited to the works with the theme of "Hidden Faces" made in the art of painting in the XX. century. At the end of the study, it is aimed to raise awareness among contemporary portrait paintings.

Keywords:

Contemporary Painting, Portrait, Identity, Face

Paper ID: ICGYSE22

Type: Oral, Abstract

Article topics in the ICGYSEducation: General Education

Conditions In Schools For The Use Of Technology

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Abstract

In cooperation with the Municipal Education Directorate, bearing in mind the lack of staff and its qualification structure, groups will be created where they will assist there where is necessary in schools, to ensure school-based quality and address various issues related to their work, such as the professional development of teachers, the development of curricula, the use of education technology according to the needs of the school to create better conditions for students. Continuous improvement of teaching practices play important role education leaders create and provide opportunities for more children to benefit and gain knowledge, develop essential life skills, and basic attitudes about their lives. Successful schools with quality education are achieved as a result of dedicated work and quality management. There can be no quality at school without quality leadership and effective management. Effective education leaders help their schools prepare a vision that includes a high level of dedication in teaching and learning - as a prerequisite for quality education in their schools. School directors have an important role in achieving good educational quality: They are managers of some of the most important factors in the school and can positively influence the teaching process in the classroom.

Keywords:

technology, school, teacher, conditions, infrastructure.

Paper ID: ICGYSE23

Type: Oral, Abstract

Article topics in the ICGYSEducation: Gifted Education

The Importance of Technology in the Education of Gifted in the Context of 21st Century Skills

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Abstract

Gifted students have unique educational needs due to their superior cognitive skills. In other words, gifted students learn faster, deeper and consistent than their normally developing peers. Besides, creativity is one of the most important features of gifted students. Thus the properties of gifted students should be taken into account while planning their curriculum. Furthermore, due to rapid changes in science and technology, 21st century requires some new skills such as collaboration, communication, Information and Communication Technology literacy, and social and/or cultural competencies. In this context, educators should create learning environments that enable the gifted students to produce divergent thoughts and unusual solutions to global problems. This paper aims to discuss the change in educational sciences and how this change reflects to the learning process of gifted students to reach 21st century skills. The appropriate techniques used in gifted education in order to develop required new skills especially in social sciences are reviewed.

Keywords:

Gifted education, 21st century, learning, social sciences

Paper ID: ICGYSE24

Type: Oral, Abstract

Article topics in the ICGYSEducation: Gifted Education

Sustaining Creativity for Gifted: An Interior Design Perspective

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Abstract

Education and the future share a spirit of appreciation and admiration, but we must first educate ourselves to prepare for the growth of future education requirements. What worked in the past will not work for what the future holds, and how we might prepare our students to live in a world ruled by exponential technology, where science fiction is quickly becoming science fact. Although the dominant image of creativity in educational institutions, the research problem is that creativity, defined as a thinking style for information production and learning, should include it in curricular areas. Many of the gifted students' characteristics in literature match those of gifted design students, and they both imagine the meanings and produce them in an organized and creative manner that cannot reproduce. The problem lies in the educational methods in teaching design and creativity and stimulating the student's imagination to motivate and sustain creativity. As a methodology, the uses of the Dynamic Creativity Process Model, this article provides examples of methods interior design professors may use to promote creativity in a classroom setting, focusing on the visual arts. Such a strategy intends to apply across the curriculum as a holistic approach to enhancing students' creative and artistic potential. The research will apply some theoretical philosophies and educational methods that activate and sustain the production of the creative student and help him create and stimulate the creative imagination in design. The model emphasizes access to results and applications of thinking skills, integration, intuition, and assessment while supporting student learning through convergent and divergent creative thinking. Access to a methodology to motivate and encourage gifted and talented students to sustain creativity.

Keywords:

Sustaining Creativity, Gifted Design Student, Design Education, Creativity

Paper ID: ICGYSE25

Type: Oral, Abstract

Article topics in the ICGYSEducation: Mathematic Education

The Impact of Homework on Raising Mathematics Achievement among Middle School Students

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Abstract

Since the mid-1950s, students have been required to do homework. Literature research shows the importance of homework to teachers, parents, and students on one hand, and on the other, it exposes the emotional, social, and family problems caused by large, unintentional quantity of homework, difficult tasks, a lack explanation from the teacher. The objective of the present study from the importance of math homework and the achievements of students in this field. One of the main goals of education systems across OECD countries is developing independent learners who are able to direct themselves. This issue was expressed mainly in doing homework preparation. Doing homework independently is a skill required of the student throughout his or her years of studying. This study aims at exposing and examining the effect of using Graded Cognitive Based Assignments on Mathematics Performance of Arab Middle School Students in the North of Israel. To answer the problem of The Research, the researchers used the experimental approach with both pre- and post- semi-experimental design for two experimental groups (Experimental Group and Control Group), which aims to examine the effect of using Graded Cognitive Based Assignments on Mathematics Performance of Arab Middle School Students in the North of Israel the Study Sample consist 180 students were form a representative sample based on a proportionately and randomly selected sample half of them is an experimental group and the other half is a control group to examine the effect of using homework to raise the educational attainment in the first three graded cognitive levels of Boolm's Taxonomy: knowledge, comprehension and application in mathematics in Arab schools in northern Israel. The experimental group use Graded Cognitive Based Assignments reflecting the taxonomy of Bloom in each lesson, addressed and administered by the specifically trained PISGA math teachers. Initial findings indicate that it is through this suitable intervention program can help to change this trend and improve the level of knowledge among the pupils, the level of understanding, and the usages of mathematical knowledge learnt by the pupils. - The contribution of such a program for the improvement of academic achievements and the expansion of mathematical knowledge is more prominent for pupils at a higher age level at which the erosion in homework preparation is more significant.

Keywords:

Graded Cognitive, Achievement, Homework, Mathematics

Paper ID: ICGYSE26

Type: Oral, Abstract

Article topics in the ICGYSEducation: Mathematic Education

Opinions of Primary School Mathematics Teacher Candidates About the Use of Teaching Activities in Mathematics Lessons

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Abstract

Activities are important tools for teaching mathematics. Teachers play an important role in the design and implementation of activities (National Council of Teachers of Mathematics [NCTM], 1991). In this study, it was aimed to determine the opinions of primary school mathematics teacher candidates about the use of teaching activities in mathematics lessons. The study group of the research consists of 35 3rd grade elementary school mathematics education students studying at a university in the Eastern Anatolian region of Turkey in the 2020-2021 academic year. These 35 teacher candidates were selected on a voluntary basis from the students who took the "Activity Development Course in Mathematics Teaching" in the 2020-2021 term. The opinions of the teacher candidates were obtained through a questionnaire containing 5 open-ended questions. The data obtained from the questionnaire were analyzed using the content analysis method. The questions asked to the teacher candidates in the questionnaire are as follows.

1. What do you think is the teaching activities?
2. What is the importance of teaching activity in mathematics education?
3. What are the teaching principles, methods and techniques that can be used when designing teaching activities in mathematics education?
4. What are the points to consider when planning a teaching activities?
5. How should a teaching activity be measured and evaluated?

Keywords:

Teaching activities, primary school mathematics teacher candidates.

Paper ID: ICGYSE27

Type: Oral, Speech

Article topics in the ICGYSEducation: Gifted Education

Grade 9 Learners Understanding of the Concepts of Addition and Subtraction of Fractions

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Abstract

This article focuses on Grade 9 learners' understanding of the concepts of addition and subtraction of fractions at a township school in Soweto, Gauteng. A total of 40 learners participated in this study where they were subjected to a test on addition and subtraction of fractions before eight were purposefully selected for interviews basing on responses to the test items. Inclined to the constructivist ideology, the study showed that learners possess misconceptions about fractions, let alone addition and subtraction of fractions. Manipulating fractions using the addition and subtraction operators was no different from the addition and subtraction of whole numbers as numerators were singled out and treated separately from the denominators. Learners lacked the conceptual understanding of what a fraction is which led to incorrect operations, addition and subtraction in this case. A thorough background on the fraction concept by educators is recommended before a transition onto manipulations with fractions.

Keywords:

Fractions, addition, subtraction

Paper ID: ICGYSE28

Type: Oral, Abstract

Article topics in the ICGYSEducation: Gifted Education

Examining the Theses About Gifted Students in Mathematics Teaching in Turkey

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Abstract

Several postgraduate thesis studies focusing on gifted students have been carried out in the field of mathematics teaching in Turkey. Examining these thesis studies can issue an opinion us what has been done in Turkey in this regard. By this way, it could contribute to the development of the field and provide ideas for new studies by compiling the theses carried out in this field and revealing a general point of view (Ahi & Kıldan, 2013). From this point of view, in this study, it is aimed to examine the theses about gifted students in the field of mathematics teaching in Turkey between the years 2000-2020. In accordance with the purpose, the following research questions were determined.

- What is the distribution of postgraduate theses on gifted students in the field of mathematics teaching according to years?
- What is the distribution of postgraduate theses on gifted students in the field of mathematics teaching according to their types?
- What is the distribution of postgraduate theses on gifted students in the field of mathematics teaching according to the used method?
- What is the distribution of postgraduate theses on gifted students in the field of mathematics teaching according to the sample or study group?
- 5. What is the distribution of postgraduate theses on gifted students in the field of mathematics teaching according to the topics covered?

Keywords:

gifted students, thesis, mathematics teaching

Paper ID: ICGYSE29

Type: Oral, Keynote Speech

Article topics in the ICGYSEducation: Gifted Education

Giftedness, Talent, Environment and Culture

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Abstract

An attempt was made to discuss the conceptualization of giftedness in the past and the main shifts in the current research regarding heredity vs. environment debate. The effect of culture on the definition of giftedness and talent were also referred to and finally a reference was made to Muslims' culture and talent development. At the end, several recommendations were provided.

Keywords:

giftedness and talent, heredity vs. environment, Muslim culture.

Paper ID: ICGYSE30

Type: Oral, Abstract

Article topics in the ICGYSEducation: General Education

Methodical Skills for XXI Century in the University

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Abstract

This type of skill is close to hard skills because methodical skills are usually valued through concrete experience. But they are not so easy to prove, many times they are nothing more than a basic prerequisite for the acquisition of demonstrable hard skills. Methodical skills (such as resistance to stress) are often confused with interpersonal skills (such as resilience). But, the methodical skills are framed in a separate category because in addition to covering the personal level, they have to do more directly with professional skills. Know how to cope with the new digital media. The current digital environment offers many opportunities and also many dangers. Knowing how to handle in a clever and intelligent way the known as new media (social networks, online platforms, professional networks, etc.) is an important soft skill to be able to introduce ourselves and introduce others and our company to the rest of the world. If these means are not used carefully, there may be significant negative consequences. Instruments. The growing interest in HSE has stimulated the development of instruments to assess the competencies of students in these areas. Kafka (2016) and Wilson-Ahlstrom and Yohalem (2014) list and describe various instruments used for this purpose, among which skills such as decision making, self-regulation, academic motivation, persistence, involvement, perseverance, self-control, growth mindset are evaluated, self-efficacy, empathy, relationship with peers (partners) and assertiveness, among others. Can be divided into three categories: interpersonal skills, social skills and methodical skills.

Keywords:

Methodical Skills, Stress resistance, self-reflection, self organization

Paper ID: ICGYSE31

Type: Oral, Abstract

Article topics in the ICGYSEducation: Art Education

The Artist's Approach to Herself /Himself as an Art Object in the Pandemic

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Abstract

During the pandemic period, artists, like everyone else, are locked in their homes to protect themselves from the epidemic. Artist who living alone in his or her house can observe only himself or herself. In particular, the model that the artist who works in portraits can find is himself or herself. The aim of this study is to examine the works created by the artist by choosing his or her own portrait during the pandemic. The study has a qualitative character and was carried out using literature review and description method. Documents and photographs were used as data collection tools. The works of artists who used their own portraits during the pandemic period were researched, and analyses were made on patterns and photographs. As a result of the analysis of the data, the way of transferring the works to the audience from the artist's perspective and their expression are included. The study is limited to examining the works of certain artists and Ümit ÖZKANLI, who worked as art objects, especially during the pandemic period.

Keywords:

Art, Artist, Pandemic, Art Object, Portrait, Self Portrait

Paper ID: ICGYSE32

Type: Oral, Abstract

Article topics in the ICGYSEducation: General Education

Teacher To Learn: Soft Skills not acquired a high level of education

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Abstract

The criteria that we, as a project team, choose as essential for a Soft Skills Evaluation Tool are based on professional standards and are the result of the selection of existing tools that we find in our research phase:- Based on the theory: a tool used for the evaluation of Soft Skills must have a theoretical basis. - Resource-oriented: many questionnaires or tools dedicated and can be emotional, social, psychological, physical or economic. - Participatory: the tools used to assess your skills have to offer the opportunity to influence the process and the result, so that the individual objectives and preferred strategies are taken into account. - Reflective: This should be supported to reflect past learning experiences and successes / struggles. This in itself is a learning result. - Description of learning outcomes: Soft Skills assessment should be based on evidence, for example, observation, documentation, testimony. - Customized: The evaluation process must be highly personalized.- Appreciable: The tools used should allow the built-in appreciation of the acquired skills, of the learning steps during the process and at the end of the process.- Oriented towards the future acquisition of skills: offer the opportunity to show what else can be learned, acquired or tested. - Easy access and low cost: participants who belong to the target group the educators, tools must be provided at no cost or low cost. And they must be easily accessible, either online or in other ways.

Keywords:

Teacher to learn, Soft Skills, Individual Objective Mapping, Soft Skills Assessment

Paper ID: ICGYSE33

Type: Oral, Abstract

Article topics in the ICGYSEducation: Gifted Education

Environmental Sensitivity of Gifted Children: A Picture Analysis Based Research

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Abstract

There are findings that gifted students have high environmental sensitivity. However, there are very few studies on how they feel about this issue and what their moods are. Picture analysis is a tool used to determine the psychological and emotional states of children. In this study, it was aimed to determine the environmental sensitivity of gifted children with picture analysis. This research was conducted in a city in Turkey, which is at a medium level according to the development index. Within the scope of the research, 12 gifted boys and 12 girls, a total of 24 fourth grade students studying at the Science and Art Center were determined. The aim of the research is to determine the students' views on environmental problems and to obtain information about what students think about solutions to environmental problems. In this research, a descriptive study using the qualitative research method, semi-structured interview forms developed by the researcher and the pictures drawn by the students participating in the research on environmental problems were used as data collection tools. The drawings were analyzed by four experts in the field.

Keywords:

Religion education, curriculum, primary school

Paper ID: ICGYSE34

Type: Oral, Abstract

Article topics in the ICGYSEducation: STEM Education

STEM Learning Approach Views and Carrier Awareness of In-Service Science Teachers: Cross-Sectional Mixed Method on STEM-TPACK Investigations

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Abstract

Currently, STEM education is getting attention from various parts of the world. Along with the development of digital technology, a number of ideas have emerged to integrate STEM education to be synthesized with the TPACK framework for the purpose of teacher professional development. Unfortunately, however, the professional development of teachers for integrative STEM education for in-service science teachers is lacking. This study attempts to integrate the STEM and TPACK frameworks as a means to advance the situation. Specifically, this study aims to conduct a STEM-TPACK survey for Southeast Asian in-service science teachers and explore the STEM-TPACK profile of science teachers in the context of the mixed-method study. We collected quantitative data to provide a general picture about STEM-TPACK. Then qualitative data were collected from in-depth interviews. Moreover, these interviews also offered insights into the reasons why the strategies succeed or fail as well as influences on in-service science teachers' TPACK. Results show that science teaching efficacy and beliefs and STEM career awareness of science teachers are in the good category. These findings can generally reveal that science teacher efficacy is significantly influenced by the implementation of integrated STEM education in their learning, both exemplary lessons and their own custom lessons. Science teachers also have integrated technology not only in learning but also to facilitate their work in the world of education.

Keywords:

STEM Education; TPACK; Self efficacy and Belief; STEM Carrier Awareness

Paper ID: ICGYSE35

Type: Oral, Speech

Article topics in the ICGYSEducation: Sustainable Development

Role of Agriculture in Sustainable Development

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Abstract

Farmers are the backbone of any agricultural system. Food grown by farmers protects people from starvation. As population grow day by day, it is essential to increase its potential. Crops like wheat, rye, corn and cotton are grown by farmers. Traditional knowledge of plant germination, growth, diseases controlling methods are very well known by farmers. They also aware of their dairy animals requirements i.e. feed, breeding behaviors and their illnesses. Farmers doing fruit farming have also knowledge of tree growth with grafting, pruning, spraying and fertilizing. A farmer also have a sense of business, be able to sell his product where and when it is most profitable. But despite of all that qualities possess by a farmer, the productivity still not meet the demand of a country. Many farmers in rural areas do not have the most up-to-date information on how to grow food efficiently and economically. Skill education in agriculture helps farmers to integrate latest technology in their daily farming operations. Better use of scientific tools results the efficiency of productivity and less harm to the environment. Farmer's education programs can be performed in season when farmers are not involving in growing crops. So they can easily participate in skill education sessions. Importance of skill education has following aspects; The selection of growing crops is based on environment conditions i.e. types of soil, change in climate and water availability. To minimize the environmental effects, the best crops will have to be selected. This will promote the crop's nutritional and profitable values. The introduction of such types will prove to be more nutritious for consumers and also earns marketable profits for farmers. The use of new sustainable agricultural methods like crop rotation, cover crops, soil enrichment, bio-pesticide management, natural resource preservation, irrigation, recycling or utilizing of wastes, hydroponics, roof top farming and square foot gardening will help to earn maximum yield. Traditional raring of grazing animals will be supplemented with modern technologies. Improving their skills in livestock sectors can help to be a more competitive and prosperous in this field. Mechanized methods of storage and processing of food will enhance the quality and duration of prepared food. Farmers operate a wide range of agriculture tools in their routine field work. For maintenance of these equipment and tools, they rely on repair professional.

Keywords:

Rural Development, Agriculture, Wastes, Resources, Technologies

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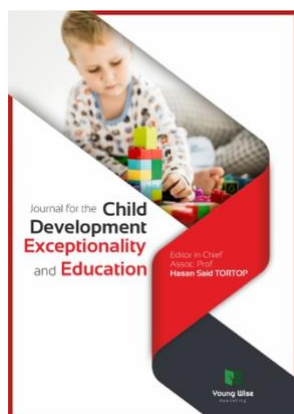
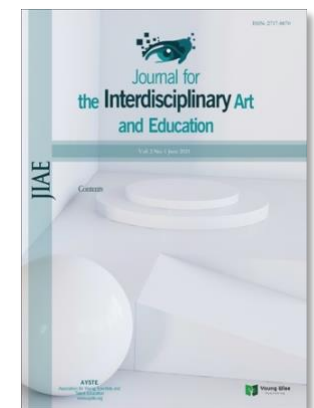
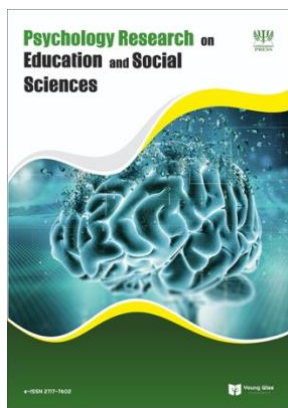
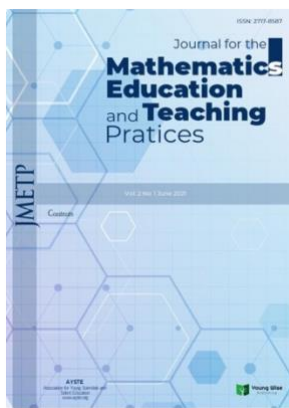
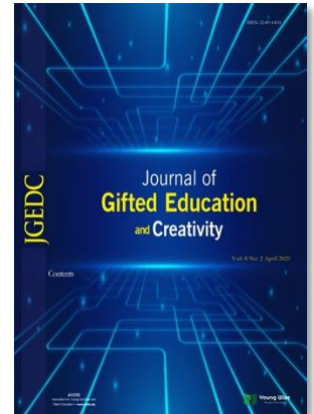
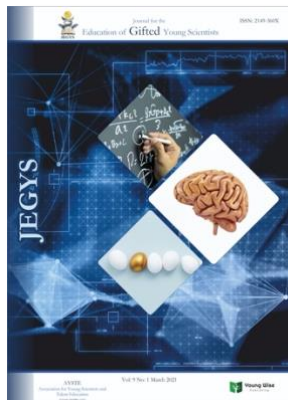
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