

Characteristics of the submitted research/ artistic/other output

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Document type: Characteristics of the submitted research/ artistic/other output
The name of the university Comenius University Bratislava
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OCA1. - Surname awarded to the assessed person	Severini
OCA2. - Name awarded to the assessed person	Eva
OCA3. - Degrees awarded to the assessed person	doc., PaedDr., PhD.
OCA4. - Hyperlink to the entry of the person in the Register of university staff	https://www.portalvs.sk/regzam/detail/5894

1st evaluated output

OCA5.1 - Area of assessment

Preschool and Elementary Pedagogy (1st and 3rd degree), Teaching for Primary Education (2nd degree), Teacher Education for Primary Schools (integrated 1st and 2nd degree)

OCA6.1 - Category of the research/ artistic/other output

scientific output

OCA7.1 - Year of publication of the research/artistic/other output

2018

OCA8.1 - ID of the record in the Central Registry of Publication Activity (CRPA) or the Central Registry of Artistic Activity (CRAA)

ID: 84871

OCA9.1 - Hyperlink to the record in CRPA or CRAA

<https://app.crepc.sk/?fn=detailBiblioForm&sid=55E97202CA8387F0903F911D>

Suggested output quality level

A

OCA16.1 - Annotation of the output in English

The scientific monograph focuses on the concept and the realization of a qualitative research in pre-primary education. It is a description of a research carried out in kindergartens. The advantage of the monograph is that it establishes a view on how to consider and conceive the realization of a qualitative research in the educational context of kindergartens with regard to the subjects and objects of the research. It accentuates the teacher of kindergartens and raises its professional attention to the need to be a teacher – a teacher and researcher, who deals with him or herself managed processes and their development. It provides the reader with information on the principles of a qualitative research and their elaboration in specific conditions. Another advantage of the monograph is that it deals with the question of didactic support for the development of a child's autonomy in pre-primary education. The concept of autonomy is elaborated in the monograph as an open concept of relative independence, self-reliance and self-sufficiency of a child who is in relationship and consciously collaborating with other children and teachers. The concept of autonomy is supported by the already mentioned realization of a qualitative research (action research) in the environment of Slovak and Serbian kindergartens on the basis of a close six-year cooperation with teachers. The results of the research are organically incorporated into the text – into the didactic and methodical elaboration with stimulating examples and suggestions as inspiration for pre-primary education. An autonomous child is depicted as an active, knowledgeable, competent and collaborating subject; as a congruent subject whose didactical support provided by teachers is deliberate and goal-oriented in an indirectly controlled participation within learning and teaching activities.

OCA17.1 - List of maximum 5 most significant citations corresponding to the output

- [o1] (Web of Science Core Collection:WOS:000530212401063) 156573: Opinions and attitudes of pre-primary education teachers and pre-service teachers on using augmented reality / Líšková, Dáša [Autor, 5%] ; Kožík Lehotayová, Blanka [Autor, 80%] ; Kostolányová, Kateřina [Autor, 10%] ; Gašparová, Eva [Autor, 5%] ; ICERI 2019, 12 [11.11.2019-13.11.2019, Seville, Španielsko]. – WOS CC In: ICERI2019 Proceedings [elektronický dokument] : 12th International conference of education, research and innovation / Gómez Chova, Luis [Zostavovateľ, editor] ; López Martínez, Agustín [Zostavovateľ, editor] ; Candel Torres, Ignacio [Zostavovateľ, editor]. – [recenzované]. – 1. vyd. – Valencia (Španielsko) : IATED, 2019. – ISBN 978-84-09-14755-7. – ISSN 2340-1095, s. 11274-11282 [USB kľúč]
- [o1] (Web of Science Core Collection:WOS:000674964900032) 315381: Comparison of physical ability and physical performance of children in primary education / Merica, Marián [Autor, 50%] ; Osad'án, Róbert [Autor, 30%] ; Kováčová, Viktória [Autor, 20%]. – WOS CC In: AD ALTA [textový dokument (print)] [elektronický dokument] : journal of interdisciplinary research. – Hradec Králové (Česko) : Magnanimitas akademické sdružení. – ISSN 1804-7890. – ISSN (online) 2464-6733. – Roč. 11, č. 1 (2021), s. 193-202 [tlačená forma] [online]
- [o1] (Emerging Sources Citation Index:WOS:000833537700019; Web of Science Core Collection:WOS:000833537700019) 493989: Stretching exercises and their influence on the development of children's coordination movement capabilities in primary education / Merica, Marián [Autor, 35%] ; Belešová, Mária [Autor, 35%] ; Osad'án, Róbert [Autor, 20%] ; Mošková, Simona [Autor, 10%]. – [recenzované]. – ESCI ; WOS CC In: AD ALTA [textový dokument (print)] [elektronický dokument] : journal of interdisciplinary research. – Hradec Králové (Česko) : Magnanimitas akademické sdružení. – ISSN 1804-7890. – ISSN (online) 2464-6733. – Roč. 12, č. 1 (2022), s. 110-118 [tlačená forma] [online]
- [o1] (SCOPUS:2-s2.0-85199628834; Emerging Sources Citation Index:WOS:001277555500001; Web of Science Core Collection:WOS:001277555500001) 1187359: Innovative approach on teaching and learning with technical aids for STEM education at the primary level / Gunčaga, Ján [Autor, 30%] ; Koreňová, Lilla [Autor, 30%] ; Záhorec, Ján [Autor, 20%] ; Ostradický, Peter [Autor, 20%]. – [recenzované]. – DOI 10.3390/educsci14070682. – ESCI ; WOS CC ; SCO In: Education sciences [elektronický dokument] . – Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2227-7102. – Roč. 14, č. 7 (2024), art. no. 682, s. [1-20] [online]
- [o1] (Web of Science Core Collection:WOS:001273360600022; Emerging Sources Citation Index:WOS:001273360600022) 1194433: The influence of movement games on changes in coordination skills in children of younger school age / Merica, Marián [Korešpondenčný autor, 40%] ; Simoník, Dávid [Autor, 10%] ; Belešová, Mária [Autor, 30%] ; Osad'án, Róbert [Autor, 20%]. – [recenzované]. – ESCI ; WOS CC In: AD ALTA [textový dokument (print)] [elektronický dokument] : journal of interdisciplinary research. – Hradec Králové (Česko) : Magnanimitas akademické sdružení. – ISSN 1804-7890. – ISSN (online) 2464-6733. – Roč. 14, č. 1 (2024), s. 124-132 [tlačená forma] [online]

OCA18.1 - Characteristics of the output's impact on socio-economic practice

In addition to its topical content, the scientific monograph also contributes to the knowledge of qualitative methodological approaches in pedagogy. It is a demonstration in the implementation of concrete action research, using diagnostic and research methods. Thus, it enriches the professional and scientific character of the educational process, improves the quality of study of the study field of Teacher Training and Education Science. At the same time, it presents didactic possibilities of promoting the autonomy of the child/children in the process of teaching.

OCA19.1 - Characteristics of the output and related activities' impact on the educational process

This scientific monograph presents the implementation of qualitative research in a pre-primary teaching setting. On the basis of the description of the implemented research it presents the principles of qualitative methodology, the concept and design of action research in the conditions of the teaching process. It also presents evidence-based pedagogical diagnosis, the interaction of subjects in teaching through demonstrations, and the specific findings of the qualitative investigation carried out. The monograph can be used as a textbook in the field of Teacher Training and Education Science.

2nd evaluated output

OCA5.2 - Area of assessment

Preschool and Elementary Pedagogy (1st and 3rd degree), Teaching for Primary Education (2nd degree), Teacher Education for Primary Schools (integrated 1st and 2nd degree)

OCA6.2 - Category of the research/ artistic/other output

scientific output

OCA7.2 - Year of publication of the research/artistic/other output

OCA8.2 - ID of the record in the Central Registry of Publication Activity (CRPA) or the Central Registry of Artistic Activity (CRAA)

ID: 135938

OCA9.2 - Hyperlink to the record in CRPA or CRAA<https://app.crepc.sk/?fn=detailBiblioForm&sid=01A6BB7AB96764ED514458DFB9>**Suggested output quality level**

A

OCA16.2 - Annotation of the output in English

This scientific study presents the concept of qualitative research of early childhood education and care (ECEC) in facilities providing childcare up to three years of age. It focuses on caring of the youngest generation of children in the area of children's nursery centres, childcare facilities, where this care in its educational component, is rather unintentional, involuntary. At the time of the information boom, parents often have problems with choosing parenting strategies without any pedagogical advice or educational programs for children. The current adult society places great demands on active and significant life in society, but the issues of early childhood education and care are not addressed with adequate attention and seriousness.

OCA17.2 - List of maximum 5 most significant citations corresponding to the output

- [o1] (SCOPUS:2-s2.0-85088165957; Emerging Sources Citation Index:WOS:000549409900001; Web of Science Core Collection:WOS:000549409900001) 472901: Conceptualization of major stakeholders in emergency management of childcare facilities / Ha, Kyoo-Man [Autor, 100%]. – DOI 10.1080/26408066.2020.1768192. – ESCI ; WOS CC ; SCO In: Journal of Evidence-Based Social Work [textový dokument (print)] [elektronický dokument] . – Philadelphia (USA) : Taylor & Francis Group. – ISSN 2640-8066. – ISSN (online) 2640-8074. – Roč. 17, č. 5 (2020), s. 514-526 [tlačená forma] [online]
- [o2] 244169: Use of Mobile Applications in Primary Education that Pupils Can Use at Home / Nevřelová, Natálie [Autor, 100%]. – DOI 10.2478/ijcte-2020-0001 In: ICTE Journal [elektronický dokument] : an International Journal of Information and Communication Technologies in Education : the Journal of University of Ostrava. – Ostrava (Česko) : Ostravská univerzita. – ISSN (online) 1805-3726. – Roč. 9, č. 1 (2020), s. 5-14 [online]
- [o3] 240751: Rozvoj klíčových kompetencí dětí předškolního věku prostřednictvím interaktivní tabule a robotických hraček / Gašparová, Eva [Autor, 100%] ; DidMatTech 2020, 33 [25.06.2020-26.06.2020, Budapešť, Maďarsko] In: Proceedings of 33. DidMatTEech 2020 Conference [elektronický dokument] : New methods and technologies in education, research and practice / Abonyi-Tóth, Andor [Zostavovateľ, editor] ; Stoffová, Veronika [Zostavovateľ, editor] ; Zsakó, László [Zostavovateľ, editor]. – [recenzované]. – 1. vyd. – Budapešť (Maďarsko) : Eötvös Loránd Tudományegyetem, 2020. – ISBN 978-963-489-244-1, s. 301-311 [online]
- [o3] 238134: Rozšířená realita ve výuce dětí v primárním vzdělávání / Nevřelová, Natálie [Autor] ; DidMatTech 2020, 33 [25.06.2020-26.06.2020, Budapešť, Maďarsko] In: Proceedings of 33. DidMatTEech 2020 Conference [elektronický dokument] : New methods and technologies in education, research and practice / Abonyi-Tóth, Andor [Zostavovateľ, editor] ; Stoffová, Veronika [Zostavovateľ, editor] ; Zsakó, László [Zostavovateľ, editor]. – [recenzované]. – 1. vyd. – Budapešť (Maďarsko) : Eötvös Loránd Tudományegyetem, 2020. – ISBN 978-963-489-244-1, s. 173-182 [online]

OCA18.2 - Characteristics of the output's impact on socio-economic practice

The purpose of the publication is to acquaint the reader with the relevant scientific knowledge, so that he is able to design an educational program based on it and to design the educator's own educational activities. The publication can be used primarily for education in the field of raising children of the youngest generation, but it can also supplement the knowledge already acquired with the concept preferred by its authors.

OCA19.2 - Characteristics of the output and related activities' impact on the educational process

The publication can be used in teaching as teaching material. In teacher education, the publication enhances the quality of education by providing a summary of the most important educational parallels in childcare facilities up to three years of age. At the same time, it raises questions of basic principles in cooperation between the school and the family. At the same time, the authors believe that they have succeeded in filling a gap in the literature on this topic.

3rd evaluated output**OCA5.3 - Area of assessment**

Preschool and Elementary Pedagogy (1st and 3rd degree), Teaching for Primary Education (2nd degree), Teacher

OCA6.3 - Category of the research/ artistic/other output

scientific output

OCA7.3 - Year of publication of the research/artistic/other output

2020

OCA8.3 - ID of the record in the Central Registry of Publication Activity (CRPA) or the Central Registry of Artistic Activity (CRAA)

ID: 162483

OCA9.3 - Hyperlink to the record in CRPA or CRAA

<https://app.crepc.sk/?fn=detailBiblioForm&sid=C6B245BF6B3D13047ABB7EF62D>

Suggested output quality level

A

OCA16.3 - Annotation of the output in English

This chapter focuses on the educational potential of augmented reality for support of scientific literacy in pre-primary education. The authors give a brief overview of the area and of selected applications suitable for preschool children. They then focus on two of them, 4D animal and Quiver Vision, which were used in a research project involving two Czech and two Slovak kindergartens as well as 5 preschool children's parents. This action research project was conducted within the context of science education and included semi-structured interviews with teachers from of children involved in the research, and preschool children's parents, as well as direct and indirect observations of children while involved in augmented reality in educational activities. The research showed that many teachers were not familiar with the technology of augmented reality, and some teachers expressed worries about how to employ augmented reality at preschool age. Additionally, the teachers shared creative ideas on how these technologies can be included in the offered activities.

OCA17.3 - List of maximum 5 most significant citations corresponding to the output

- [o1] (SCOPUS:2-s2.0-85111787915) 1172034: Implementation of immersive technologies in professional training of teachers / Osypova, Nataliia [Autor] ; Kokhanovska, Olena [Autor] ; Yuzbasheva, Galina [Autor] ; Kravtsov, Hennadiy [Autor] ; Information and communication technologies in education, research, and industrial applications, 16 [06.10.2020-10.10.2020, Charkov, Ukrajina]. – DOI 10.1007/978-3-030-77592-6_4. – SCO In: Information and communication technologies in education, research, and industrial applications [textový dokument (print)] [elektronický dokument] / Bollin, Andreas [Zostavovateľ, editor] ; Ermolayev, Vadim [Zostavovateľ, editor] ; Mayr, Heinrich C. [Zostavovateľ, editor] ; Nikitchenko, Mykola [Zostavovateľ, editor] ; Spivakovsky, Aleksander [Zostavovateľ, editor] ; Tkachuk, Mykola [Zostavovateľ, editor] ; Yakovyna, Vitaliy [Zostavovateľ, editor] ; Zholtkevych, Grygoriy [Zostavovateľ, editor]. – [recenzované]. – 1. vyd. – Cham (Švajčiarsko) : Springer Nature, 2021. – (Communications in Computer and Information Science, ISSN 1865-0929, ISSN 1865-0937 ; 1308). – ISBN 978-3-030-77591-9. – ISBN (elektronické) 978-3-030-77592-6, s. 68-90 [tlačená forma] [online]
- [o2] 511369: Interpretation of causal relationships in the world of robots presented by 5 year old children / Koreňová, Lilla [Autor, 34%] ; Gašparová, E. [Autor, 33%] ; Kostrub, Dušan [Autor, 33%] ; International Technology, Education and Development Conference 2022, 16 [07.03.2022-08.03.2022, Valencia, Španielsko]. – [recenzované]. – DOI 10.21125/inted.2022.0149 In: INTED2022 Conference Proceedings [elektronický dokument] : 16th International Technology, Education and Development Conference / Chova, Luis Gómez [Zostavovateľ, editor] ; López Martínez, Agustín [Zostavovateľ, editor] ; Candel Torres, Ignacio [Zostavovateľ, editor]. – 1. vyd. – Barcelona (Španielsko) : IATED, 2022. – (INTED Proceedings, ISSN 2340-1079). – ISBN 978-84-09-37758-9. – ISSN 2340-1079, s. 300-306 [online] [USB kľúč]
- [o2] 463171: Digital technologies and their application in a child's life / Gužíková, Žaneta [Autor, 31.5%] ; Chicevič, Simona [Autor, 31.5%] ; Kostrub, Dušan [Autor, 27%] ; Brychová, Sylvia [Autor, 10%]. – [recenzované]. – DOI 10.2478/atd-2022-0002 In: Acta Educationis Generalis [textový dokument (print)] [elektronický dokument] . – Dubnica nad Váhom (Slovensko) : Vysoká škola DTI. – ISSN 2585-741X. – ISSN (online) 2585-7444. – Roč. 12, č. 1 (2022), s. 23-40 [tlačená forma] [online]
- [o3] 240751: Rozvoj kľúčových kompetencií detí predškolského veku prostredníctvom interaktívnej tabule a robotických hračiek / Gašparová, Eva [Autor, 100%] ; DidMatTech 2020, 33 [25.06.2020-26.06.2020, Budapešť, Maďarsko] In: Proceedings of 33. DidMatTEech 2020 Conference [elektronický dokument] : New methods and technologies in education, research and practice / Abonyi-Tóth, Andor [Zostavovateľ, editor] ; Stoffová, Veronika [Zostavovateľ, editor] ; Zsakó, László [Zostavovateľ, editor]. – [recenzované]. – 1. vyd. – Budapešť (Maďarsko) : Eötvös Loránd Tudományegyetem, 2020. – ISBN 978-963-489-244-1, s. 301-311 [online]
- [o3] 238134: Rozšírená realita ve výuce dětí v primárním vzdělávání / Nevřelová, Natálie [Autor] ; DidMatTech 2020, 33 [25.06.2020-26.06.2020, Budapešť, Maďarsko] In: Proceedings of 33. DidMatTEech 2020 Conference [elektronický dokument] : New methods and technologies in education, research and practice / Abonyi-Tóth, Andor [Zostavovateľ, editor] ; Stoffová, Veronika [Zostavovateľ, editor] ; Zsakó, László [Zostavovateľ, editor]. – [recenzované]. – 1. vyd. – Budapešť (Maďarsko) : Eötvös Loránd Tudományegyetem, 2020. – ISBN 978-963-489-244-1, s. 173-182 [online]

OCA18.3 - Characteristics of the output's impact on socio-economic practice

Augmented reality applications bring completely new opportunities, but they also place new demands on both teachers and children/pupils. If the teacher selects suitable applications, follows the didactic principles of their use, augmented reality applications have a high potential for the development of science literacy in general and preschool/younger school age is not an obstacle.

OCA19.3 - Characteristics of the output and related activities' impact on the educational process

This chapter presents the concept of action research on the use of augmented reality applications with a focus on the possibilities of developing children's science literacy in pre-primary and primary education. Students of future teachers can use it in higher education as teaching material.

4th evaluated output

OCA5.4 - Area of assessment

Preschool and Elementary Pedagogy (1st and 3rd degree), Teaching for Primary Education (2nd degree), Teacher Education for Primary Schools (integrated 1st and 2nd degree)

OCA6.4 - Category of the research/ artistic/other output

scientific output

OCA7.4 - Year of publication of the research/artistic/other output

2020

OCA8.4 - ID of the record in the Central Registry of Publication Activity (CRPA) or the Central Registry of

Artistic Activity (CRAA)

ID: 227806

OCA9.4 - Hyperlink to the record in CRPA or CRAA<https://app.crepc.sk/?fn=detailBiblioForm&sid=D57B83470BBFCEC227803FD33C>**Suggested output quality level**

A+

OCA16.4 - Annotation of the output in English

In this article, we present the results and interpretations of our research, the aim of which was to create a certain picture of how the preparation is set, but also the motivation of students in the programs of Preschool and Elementary Pedagogy for science course. We focused on the area of self-regulation of learning and motivation for science education for future teachers. We start from the methodological approach rooted in the theory of self-determination. We consider the most important finding to be the positive motivation of students for science. Within science subjects we see an opportunity to use the student's portfolio as a means of his trajectory of development and self-regulation of learning.

OCA17.4 - List of maximum 5 most significant citations corresponding to the output

[o1] (Emerging Sources Citation Index:WOS:000833537700019; Web of Science Core Collection:WOS:000833537700019) 493989: Stretching exercises and their influence on the development of children's coordination movement capabilities in primary education / Merica, Marián [Autor, 35%] ; Belešová, Mária [Autor, 35%] ; Osaďan, Róbert [Autor, 20%] ; Mošková, Simona [Autor, 10%]. – [recenzované]. – ESCI ; WOS CC In: AD ALTA [textový dokument (print)] [elektronický dokument] : journal of interdisciplinary research. – Hradec Králové (Česko) : Magnanimitas akademické sdružení. – ISSN 1804-7890. – ISSN (online) 2464-6733. – Roč. 12, č. 1 (2022), s. 110-118 [tlačená forma] [online]

[o1] (Emerging Sources Citation Index:WOS:001283714500009; SCOPUS:2-s2.0-85198066169; Web of Science Core Collection:WOS:001283714500009) 1224322: Self-regulated learning and scientific reading in pre-service teachers : an exploratory study = Autorregulación del aprendizaje y lectura científica en docentes en formación : un estudio exploratorio / Torrijos-Muelas, Marta [Autor, 33.333%] ; Bodoque-Osma, Ana-Rosa [Autor, 33.334%] ; González-Víllora, Sixto [Autor, 33.333%]. – DOI 10.18239/ocnos_2024.23.2.421. – ESCI ; WOS CC ; SCO In: OCNOS [textový dokument (print)] [elektronický dokument] : Revista de Estudios sobre Lectura = Journal of Reading Research. – Španielsko (Španielsko) : Universidad de Castilla-La Mancha. – ISSN 1885-446X. – ISSN (online) 2254-9099. – Roč. 23, č. 2 (2024), s. [1-17] [tlačená forma] [online]

OCA18.4 - Characteristics of the output's impact on socio-economic practice

The study presents the results of research aimed at identifying and analyzing the preparation, but also the motivation of students in the programs of the Department of Preschool Elementary Pedagogy for science course. From the point of view of scientific disciplines, the findings declare a higher incidence of internal motivation as well as autonomous learning style, which we understand as a prerequisite for regulating one's own behavior in terms of achieving the required science literacy.

OCA19.4 - Characteristics of the output and related activities' impact on the educational process

In addition to the above findings, the study raises the question of using the student's portfolio as a means of his trajectory of development and self-regulation of learning, but also of supporting research-oriented education using elements of social constructivism. Less theory more practice (experiments) in programs Preschool and elementary pedagogy for science course.

5th evaluated output**OCA5.5 - Area of assessment**

Preschool and Elementary Pedagogy (1st and 3rd degree), Teaching for Primary Education (2nd degree), Teacher Education for Primary Schools (integrated 1st and 2nd degree)

OCA6.5 - Category of the research/ artistic/other output

scientific output

OCA7.5 - Year of publication of the research/artistic/other output

2024

OCA8.5 - ID of the record in the Central Registry of Publication Activity (CRPA) or the Central Registry of

Artistic Activity (CRAA)

ID: 1222370

OCA9.5 - Hyperlink to the record in CRPA or CRAA

<https://app.crepc.sk/?fn=detailBiblioForm&sid=7ECB8D2670C8FCA5B2DCD2521760>

Suggested output quality level

A+

OCA16.5 - Annotation of the output in English

The aim of the study is to present information about the main findings of a research study on the application of the inquiry-based approach in undergraduate teacher training in the field of technical education. The authors seek the answer to the question 'To what extent are the graduates of teacher training programs prepared for the application of the inquiry-based approach in technical education?' For the above purposes, an exploratory qualitative research design was used. The participating future primary school teachers showed an inclination to using the method of inquiry, and the results suggest that they are sufficiently equipped with competencies for its realization. Since there is a lack of research in the field, the present study provides unique data that can help experts (primarily field didacticians) understand the need for searching for an optimal teaching model that can contribute to increasing the quality of education.

OCA17.5 - List of maximum 5 most significant citations corresponding to the output

[o1] (SCOPUS:2-s2.0-105007472170) 1402522: A comparative analysis of research interest in medical students: an international and Chinese perspective over the past decade using CiteSpace / Fengye, Liu [Autor, 16.667%] ; Xiaoyang, Lv [Autor, 16.667%] ; Shuyan, Yang [Autor, 16.666%] ; Muying, Yu [Autor, 16.667%] ; Junyi, Chen [Autor, 16.666%] ; Sun, Peng [Autor, 16.667%]. – DOI 10.1080/2331186X.2025.2510021. – SCO. In: Cogent education [elektronický dokument] . – Oslo (Nórsko) : Taylor & Francis Group. – ISSN (online) 2331-186X. – Roč. 12, č. 1 (2025), [online]]

[o1] (SCOPUS:2-s2.0-85214083955) 1327590: Deep learning-based strategies for evaluating and enhancing university teaching quality / Gao, Ying [Autor, 100%]. – [recenzované]. – DOI 10.1016/j.caeai.2025.100362. – SCO. In: Computers and Education [elektronický dokument] : Artificial Intelligence. – Amsterdam (Holandsko) : Elsevier. – ISSN (online) 2666-920X. – Roč. 8 (2025), art. no. 100362, s. [1-12] [online]

[o1] (Web of Science Core Collection:WOS:001402512600001; Emerging Sources Citation Index:WOS:001402512600001; SCOPUS:2-s2.0-85215699902) 1327589: Evolving trends in dental education : a bibliometric analysis of research outputs, challenges and innovations (1991–2023) / Ho, Yuh Shan [Autor, 25%] ; Al-Moraissi, Essam Ahmed [Autor, 25%] ; Christidis, Nikolaos [Autor, 25%] ; Christidis, Maria [Autor, 25%]. – DOI 10.1080/2331186X.2025.2453259. – SCO ; WOS CC ; ESCI. In: Cogent education [elektronický dokument] . – Oslo (Nórsko) : Taylor & Francis Group. – ISSN (online) 2331-186X. – Roč. 12, č. 1 (2025), art. no. 2453259, s. [1-21] [online]

[o2] 1373761: Inovatívne metódy výučby v environmentálnej výchove / Vančo, Peter [Autor, 100%]. In: Socialium Actualis (17) : recenzovaný zborník vedeckých prác a vedeckých štúdií / Barnová, Silvia [Zostavovateľ, editor] ; Krásna, Slávka [Zostavovateľ, editor] ; Geršicová, Zuzana [Recenzent] ; Porubčanová, Dáša [Recenzent] ; Klokner, Tomáš [Recenzent]. – 1. vyd. – České Budějovice (Česko) : Nová Forma, 2025. – ISBN 978-80-7612-762-3, s. 56-64 [CD-ROM]

OCA18.5 - Characteristics of the output's impact on socio-economic practice

Due to the prevalence of discussions on the given topic, it was necessary—and even desirable—to conduct research focused on the possibilities of teacher preparation in the context of inquiry-based teaching. The results of the qualitative research indicate differences in students' opinions before and after applying the inquiry-based approach in technical education. Future primary education teachers are inclined towards inquiry-based teaching, and it appears that they are sufficiently equipped with the competencies required for its implementation. The student teachers themselves were an essential source of knowledge, as they are the ones preparing for the role of primary education teachers in the context of social, cultural, technical, and technological demands. It follows that the application of the inquiry-based approach in technical education is more demanding in terms of teacher preparation, but every teacher should consider its use in technical education to enhance the level of students' technical literacy.

OCA19.5 - Characteristics of the output and related activities' impact on the educational process

The scientific study serves as an example of the implementation of a specific qualitative exploratory research design, using the research strategy of a qualitative pedagogical experiment supported by additional methods and research tools (essay, microteaching, participant observation, analysis of research subjects' products/outputs, and reflection) for data collection. The study offers the broader educational community—primarily the community of subject didactics specialists—an opportunity to understand the urgent need to seek a desirable and, from various perspectives, optimal model of teaching that will contribute to improving the quality of the teaching process not only in technical education but also in other subject didactics. In addition to its topical content relevance, it also contributes to the understanding of pedagogical research methodology. In this way, it enriches the professional and scientific character of the educational process, improving the quality of the study of the field of Teacher Training and Education Science.

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