

DOCUMENT

Name and surname doc. PaedDr. Zlatica Huřová, Philosophiae doctor
Document type: Characteristics of the submitted research/ artistic/other output
The name of the university Catholic University in Ruřomberok
The seat of the university Hrabovská cesta 1A, 034 01 Ruřomberok
The name of the faculty Faculty of Education
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OCA1. - Surname awarded to the assessed person

Huřová

OCA2. - Name awarded to the assessed person

Zlatica

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/?vp-page=3&surname=Hu%C4%BEov%C3%A1&name=Zlatica&university=722000000&faculty=722020000&employment_state=yes&sort=surname&filter=Vyh%C4%BEada%Csubmit

1st evaluated output

1.

OCA5. - Area of assessment

Bc./Preschool and Elementary Pedagogy; Mgr./Teaching for Primary Education; PhD./Preschool and Elementary Pedagogy

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

scientific output

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

2017

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

ID: 280202

OCA9. - Hyperlink to the record in CRPA or CRAA

<https://app.crepc.sk/?fn=detailBiblioFormChildMB6E5&sid=53C35ECFFBE461183413F0B801&seo=CREP%C4%8C-detail-kniha>

Title of the publication to which the hyperlink points

Specific of school aggression in young school age

OCA14. - Characteristics of the author's contribution

The author participated in the implementation of the research, the design of the monograph concept, and collaborated with foreign colleagues in researching and conducting data collection and literature searches abroad in PI, as well as in the creation of the cover and printing of the monograph.

OCA15. - Annotation of the output with contextual information concerning the description of creative process and the content of the research/artistic/other activity, etc.

K tejto problematike môžu prispieť zavedené prvky pozitívnej psychológie, vychádzajúc z výskumných zistení. Uvedomujeme si, že na emocionálny a sociálny rozvoj žiakov sa kladie menší dôraz, ktorý je postavený najmä na rozvoji ich vlastného konania, tvorivosti a individuálnych predpokladov. V súvislosti s týmto konštatovaním sa zvyšuje potreba humanistického poňatia výchovy, ako aj akcentovanie pozitívnej psychológie v pedagogickej skúsenosti s dôrazom na subjektívnu pohodu a seberealizáciu. /

Established elements of positive psychology, based on research findings, can contribute to this issue. We are aware that less emphasis is placed on the emotional and social development of students, which is based primarily on the development of their own actions, creativity, and individual aptitudes. In connection with this observation, there is a growing need for a humanistic approach to education, as well as an emphasis on positive psychology in pedagogical experience, with an emphasis on subjective well-being and self-realization

OCA16. - Annotation of the output in English

The monograph is therefore a collective work in which we have published the results of extensive international research characterizing aggression in the school environment among younger school-age pupils. In the first chapter, general ideas are elaborated, which represent the characteristics of a modern school in which conditions should be created in such a way that pupils feel safe and experience subjective well-being. The elements of positive psychology introduced, based on research findings, can contribute to this issue. We are aware that less emphasis is placed on pupils' emotional and social development, which is based mainly on the development of pupils' own agency, creativity and individual aptitudes. In connection with this statement, there is an increasing need for a humanistic conception of education as well as an emphasis on positive psychology in the educational experience with emphasis on subjective well-being, self-realization, etc.

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

[1] NIKLOVÁ, Miriam - MAKÚCHOVÁ, Jana. Forms of cyber-bullying from the aspect of cyber-victims - elementary and secondary school pupils. In New educational review. ISSN 1732-6729, 2018, vol. 51, no. 1, pp. 150-161., Registrované v: Scopus

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

In addition to theory, the research findings presented in the monograph may be useful in preventive interventions in the education of younger school-age pupils with manifestations of risky behaviour. The presented typology can help professionals to develop prevention and intervention programs directly for individual types of pupils and to target pedagogical interventions in educational practice.

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

The above output of scientific-creative activity is usable in the educational process in several levels. On the first level, the results of the research will enrich the hitherto known knowledge about aggression, about aggressive behaviour of pupils at school, in the school environment during and outside the classroom. On the second level, the implementation of the research part within the framework of international comparison will allow to reflect on the effective delivery of evidence-based intervention at the micro, meso and macro level of primary educational practice.

2nd evaluated output

1.

OCA5. - Area of assessment

Bc./Preschool and Elementary Pedagogy; Mgr./Teaching for Primary Education; PhD. /Preschool and Elementary Pedagogy;

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

scientific output

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

2019

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

ID: 158396

OCA9. - Hyperlink to the record in CRPA or CRAA

<https://app.crepc.sk/?fn=detailBiblioFormChildMSCB8&sid=233ADDA5EB56A1006EB5027CE&seo=CREP%C4%8C-detail-kniha>

Title of the publication to which the hyperlink points

Technické vzdelávanie na primárnom stupni školy v historickom a medzinárodnom kontexte

OCA14. - Characteristics of the author's contribution

The author developed a theoretical-scientific characterization of technical education at the primary school level in a historical and international comparison based on a vertically oriented analysis and research findings.

OCA15. - Annotation of the output with contextual information concerning the description of creative process and the content of the research/artistic/other activity, etc.

In this monograph, the author provides an analysis of the historical development of technical education from the Middle Ages to the present day. She presents findings from a vertically oriented analysis as well as from mapping the current state of educational practice at home and abroad. The monograph is complemented by a section devoted to the competency profile of technical education teachers, which includes a proposal for a program for the continuing education of technical teachers at the primary school level. It also addresses issues related to the impact of scientific and technological development on schools and new generations of students. It discusses the challenges and prospects of future technical education.

OCA16. - Annotation of the output in English

The monograph provides an analysis of the historical development of technical education from the medieval period to the present day. It presents findings from a vertically oriented analysis as well as from mapping the current state of contemporary educational practice at home and abroad. The monographic work is completed by a section devoted to the teacher's competence profile for technical education, which also includes a proposal for a refresher training programme for teachers of technical education at the primary school level. It concludes with a discussion of the impact of scientific and technological development on schools and on new generations. It discusses the challenges and prospects for education in Slovakia.

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

- [01] ZENTKO, Jozef; TOKOŠ, Peter; HRMO, Roman. Support For Parents When Educating Pupils During Distance Education In The Time Of The Pandemic. In: Ad alta: journal of interdisciplinary research. - Hradec Králové (Česko) : Magnanimitas akademické sdružení. - ISSN 1804-7890. - ISSN (online) 2464-6733. - Roč. 13, č. 1 (2023), s. 301-306. - DOI org/10.33543/1301. - **WOS CC. Web of Science Core Collection:WOS:001027245000052**
- [02] HOMOLOVÁ, Monika Pracovné vyučovanie v inkluzívnej triede : kapitola 11. In: Pracovné vyučovanie a technika na základných školách: vybrané kapitoly / Kučerka, Daniel [Zostavovateľ, editor] ; Kováčová, Barbora [Zostavovateľ, editor] ; Mrázek, Michal [Zostavovateľ, editor] ; Dostál, Jiří [Recenzent] ; Křištofiaková, Lucia [Recenzent]. - 1. vyd. - Olomouc (Česko) : Univerzita Palackého v Olomouci, 2024. - ISBN 978-80-244-6424-4, s. 274-290 [1 AH]
- [02] IHNACÍK, Jaroslav Podpora technickej predstavivosti pre 21. storočie. In: Zagadnienia społeczne [textový dokument (print)]. - Białystok (Poľsko) : Niepanstwowa Wyzsza Szkoła Pedagogiczna. - ISSN 2353-7426. - č. 1 (17) (2022), s. 96-110
- [02] HAŠKOVÁ, Alena; LUKÁČOVÁ, Danka. Discussion of the intentions of curricular reform in Slovakia in the context of teaching technology in primary schools = Konkretizácia zámerov kurikulárnej reformy v kontexte výučby techniky na základných školách. In: Journal of Technology and Information Education [textový dokument (print)] [elektronický dokument]. - Olomouc (Česko) : Univerzita Palackého v Olomouci. Pedagogická fakulta. Katedra technické a informační výchovy. - ISSN 1803-537X. - ISSN (online) 1803-6805. - Roč. 14, č. 1 (2022), s. 1-16 DOI 10.5507/jtie.2022.007
- [02] KURUC, Martin. Motivácia k učeniu sa študentov predprimárnej a primárnej pedagogiky [monografia (do 2021)] ; Kožuchová, Mária [Recenzent] ; Kotuľáková, Katarína [Recenzent] ; Dostál, Jiří [Recenzent]. - 1. vyd. - Tým nad Vitavou (Česko) : Nová Forma, 2021. - 131 s. [tlačaná forma]. - ISBN 978-80-7612-362-5

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

In addition to theory, the research findings presented in the monograph may also be useful in interventions for technical education for younger school-age children and students, as school policy does not pay due attention to this issue. For years, it has not supported the teaching and continuity of technical education for children and pupils from an early age. It can contribute to the scientific community of experts to know and to support the presented issue. It brings an idea for teacher training in the acquisition of technical competences as a support for the development of technical education of pupils at the primary school level.

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

The presented scientific findings are applicable in the educational process on several levels. The possibility of transferring part of the foreign content of technical education to the education of our pupils of younger school age. The outline of the educational program applied to practice and, which can be completed by teachers from educational practice can acquire the necessary competencies for technical education, which will enrich and improve the micro, meso and macro level of primary educational practice.

3rd evaluated output

1.

OCA5. - Area of assessment

Bc./Preschool and Elementary Pedagogy; Mgr./Teaching for Primary Education; PhD./Preschool and Elementary Pedagogy

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

scientific output

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

2021

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

ID: 448833

OCA9. - Hyperlink to the record in CRPA or CRAA

<https://app.crepc.sk/?fn=detailBiblioFormChildGSO8H&sid=68BDACCC8446DDD0113F225663&seo=CREP%C4%8C-detail-kniha>

Title of the publication to which the hyperlink points

Technické vzdelávanie na primárnom stupni školy: teória - výskum - vývoj

OCA14. - Characteristics of the author's contribution

The author was involved in the design of the monograph concept, participated in the implementation of the research, especially in the investigation of teachers' attitudes towards technical education, as well as in the data collection and processing, and, in addition to the whole concept, in the literature search, as well as in the design of the cover and printing of the monograph.

OCA15. - Annotation of the output with contextual information concerning the description of creative process and the content of the research/artistic/other activity, etc.

Monografia je kolektívnym dielom, v ktorom sme publikovali výsledky rozsiahleho výskumu pozostávajúceho z teoretických východísk, skúmania kurikulárnych dokumentov, analýz učebníc pre technické vzdelávanie, ktoré sú dostupné učiteľom na primárnom stupni školy. Autorky prezentujú obsahovú komplementaritu technického vzdelávania a výtvarného umenia, ale aj výskumné výsledky zo skúmania vzťahu učiteľov primárneho stupňa školy k technickému vzdelávaniu. Prínosom sú prezentované možnosti vzdelávania učiteľov na rozvíjanie umelecko-technických kompetencií.

The monograph is a collective work in which we have published the results of extensive research consisting of theoretical principles, examination of curricular documents, and analysis of textbooks for technical education that are available to teachers at the primary school level. The authors present the complementary nature of technical education and fine arts in terms of content, as well as research results from examining the relationship of primary school teachers to technical education. The contribution lies in the presentation of possibilities for teacher training to develop artistic and technical competencies.

OCA16. - Annotation of the output in English

The monograph is a collective work in which we have published the results of extensive research consisting of theoretical background, examination of curriculum documents, analysis of textbooks for technical education available to primary school teachers. The authors present the content complementarity of technical education and visual arts, as well as research results from the investigation of the relationship of primary school teachers to technical education. Contributions are presented on the possibilities of teacher education to develop art-technical competences.

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

[02] LIPÁROVÁ, Lenka; PONDELÍKOVÁ, Renáta. Apológia technického vzdelávania z pohľadu výtvarnej edukácie. In: Inovácie v technickom vzdelávaní nových generácií: zborník abstraktov z medzinárodnej vedecko - odbornej konferencie. Rochovská, Ivana [Recenzent]; Karbowniczek, Jolanta [Recenzent]. - 1. vyd. - Ružomberok (Slovensko) : Katolícka univerzita v Ružomberku. VERBUM - vydavateľstvo KU, 2021. - ISBN 978-80-561-0914-4

[02] ČILIAKOVÁ, Ružena; GAŠPAROVÁ, Miroslava. Learning tasks in science and home science textbooks for the third year of primary school and their content intersections with technical education in distance learning : Učebné úlohy v učebniciach prírodovedy a vlastivedy pre tretí ročník základnej školy a ich obsahové prieniky s technickým vzdelávaním v dištančnej výučbe. In: Inovace a technologie ve vzdělávání . - Plzeň (Česko) : Západočeská univerzita v Plzni. - ISSN (online) 2571-2519. - č. 1 (2024), s. 15-21

[02] ČILIAKOVÁ, Ružena; GAŠPAROVÁ, Miroslava. Prírodné a kultúrne prostredie ako zdroj učenia v predprimárnom vzdelávaní = The natural and cultural environment as a source of learning in pre-primary education In: Dieťa a materská škola: nekonferenčný vedecký recenzovaný zborník. Miňová, Monika [Zostavovateľ, editor]; Slovák, Matej [Zostavovateľ, editor]; Fojtíková Roubalová, Marcela [Recenzent]; Kožárová, Jana [Recenzent]; Kožík Lehotayová, Blanka [Recenzent]; Mkrťichian, Oksana [Recenzent]; Murray, Angela K. [Recenzent]; Portik, Milan [Recenzent]. - 1. vyd. - Prešov (Slovensko) : Slovenský výbor Svetovej organizácie pre predškolskú výchovu, 2023. - ISBN 978-80-974139-3-4, s. 21-31

[02] LIPÁROVÁ, Lenka; PONDELÍKOVÁ, Renáta. Apológia technického vzdelávania z pohľadu výtvarnej edukácie = Apology of technical education from the point of view of art education ; Technické vzdelávanie nových generácií [15.10.2021, Ružomberok]. In: Inovácie v technickom vzdelávaní nových generácií: zborník abstraktov z medzinárodnej vedecko - odbornej konferencie; Rochovská, Ivana [Recenzent]; Karbowniczek, Jolanta [Recenzent]. - 1. vyd. - Ružomberok: Katolícka univerzita v Ružomberku. VERBUM - vydavateľstvo KU, 2021. - ISBN 978-80-561-0914-4, s. 29-31

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

Both theoretical and scientific research findings presented in the monograph can be beneficial for socioeconomic practice in terms of the significance of the problem addressed. The research-processed and scientifically-professional reworked problem of technical education at the primary school level brings findings inspiring and suitable for subsequent measures for quality, efficiency and especially continuity in technical education at the primary school level, which is currently undersized and out of the interest of educational policy and social practice.

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

The monograph and its theoretical and scientific research findings are usable and applicable to the educational process on several levels. On the first level, the research results will enrich the previously known knowledge about technical education at the primary school level and the research findings from all areas (textbook analysis, content complementarities) will be beneficial for teachers of technical education. On a second level, the presentation of research findings will enable teachers of educational practice to reflect on changing attitudes but also approaches to technical education.

4th evaluated output

1.

OCA5. - Area of assessment

Bc./Preschool and Elementary Pedagogy; Mgr./Teaching for Primary Education; PhD./Preschool and Elementary Pedagogy

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

scientific output

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

2021

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

ID: 448933

OCA9. - Hyperlink to the record in CRPA or CRAA

<https://app.crepc.sk/?fn=detailBiblioFormChildG1LR95&sid=F7D0A99EB60E75850E6FB2F8D4&seo=CREP%4%8C-detail-%4%8C%3%A1nok>

Title of the publication to which the hyperlink points

Technické vzdelávanie v kontexte dištančnej výučby

OCA14. - Characteristics of the author's contribution

The author participated in conducting the research, distributing the questionnaires, conducting interviews with respondents and making observations. In particular, she was also involved in conducting the research data collection, designing the research design and literature search, as well as submitting it to a Scopus-registered journal.

OCA15. - Annotation of the output with contextual information concerning the description of creative process and the content of the research/artistic/other activity, etc.

V súčasnosti je nutné zdôrazňovať potrebu technického vzdelávania mladých ľudí a v čase uchádzania sa o ďalšie štúdium a vzdelávanie apelovať na fakt, že každý žiak, študent, má v rukách svoju budúcnosť. Záujem o štúdium technických odborov na stredných odborných školách je nižší, žiaci majú často problémy zvládajú takýto druh štúdia a následne sa úspešne adaptovať na trhu práce. Technické vzdelávanie je náročné, hlavne pri realizácii dištančnou formou. Na základe realizácie krátkeho prieskumu prostredníctvom dotazníka sme hodnotili technické vzdelávanie realizované formou dištančnej výučby, ale aj pozitívne a negatívne stránky tejto formy výučby.

At present, it is necessary to emphasize the need for technical education for young people and, when applying for further study and education, to appeal to the fact that every pupil and student has their future in their own hands. Interest in studying technical subjects at secondary vocational schools is lower, and pupils often have problems coping with this type of study and subsequently adapting successfully to the labor market. Technical education is demanding, especially when delivered through distance learning. Based on a short questionnaire survey, we evaluated technical education delivered through distance learning, as well as the positive and negative aspects of this form of teaching.

OCA16. - Annotation of the output in English

The importance and necessity of technical education in the Slovak Republic are indisputable. At present, it is necessary to emphasize the need for technical education for young people and, when applying for further study and education, to appeal to the fact that every pupil and student has their future in their own hands. It should be noted that interest in studying technical subjects at secondary vocational schools is lower, and pupils often have problems coping with this type of study and subsequently adapting successfully to the labor market. Technical education is demanding, especially when delivered through distance learning. This article presents the knowledge and experience gained from teaching technical subjects during the SARS-CoV-2 pandemic. The aim is to evaluate technical education delivered through distance learning, assessing both its positive and negative aspects, based on a short questionnaire survey.

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

[02] ŠMERINGAIOVÁ, Anna. Cross-curricular integration of teaching technical documentation and work in 3d cad system. In: Journal of Technology and Information Education [textový dokument (print)] [elektronický dokument]. - Olomouc (Česko) : Univerzita Palackého v Olomouci. Pedagogická fakulta. Katedra technické a informační výchovy. - ISSN 1803-537X. - ISSN (online) 1803-6805. - Roč. 14, č. 1 (2022), s. 34-48 - DOI 10.5507/jtie.2022.008.

[02] IHNACÍK, Jaroslav. Podpora technickej predstavivosti pre 21. storočie. In: Zagadnienia społeczne [textový dokument (print)]. - Białystok (Poľsko) : Niepanstwowa Wyższa Szkoła Pedagogiczna. - ISSN 2353-7426. - č. 1 (17) (2022), s. 96-110

[02] ROCHOVSKÁ, Ivana; LIPÁROVÁ, Lenka; HULOVÁ, Zlatica. Technické vzdelávanie na primárnom stupni školy [monografia (do 2021)] : teória - výskum - vývoj; Karbowniczek, Jolanta [Recenzent]; Depešová, Jana [Recenzent]. - 1. vyd. - Ružomberok (Slovensko) : Katolícka univerzita v Ružomberku. VERBUM - vydavateľstvo KU, 2021. - 150 s. [5,50 AH] [tlačená forma]. - ISBN 978-80-561-0915-1

[02] KOŽUCHOVÁ, Mária. Distance education of younger school-aged students during the corona crisis = Fernstudium jüngerer Schülerinnen und Schüler während der Corona-Krise. In: Disputationes scientificae: Universitatis Catholicae in Ružomberok. - Ružomberok (Slovensko) : Katolícka univerzita v Ružomberku. VERBUM - vydavateľstvo KU. - ISSN 1335-9185. - Roč. 22, č. 4 (2022), s. 36-46 - DOI 10.54937/dspt.2022.22.4.36-46.

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

The research findings presented in the study show that attention needs to be paid to the issue of studying technical subjects at secondary vocational schools during pandemics, as students often have problems coping with this type of study and subsequently adapting successfully to the labor market. Technical education is demanding, especially when delivered through distance learning. The article presents the knowledge and experience gained from teaching technical subjects during SARS-CoV-2. It is necessary to take into account the recommendations of experts in this field of research. The research results are a suitable stimulus for further research into this issue and for its inclusion in socially necessary secondary and higher education in the field of technical education.

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

The research findings clearly showed that when technical education is delivered through distance learning, the development of technical, critical, evaluative, and divergent thinking is significantly hampered. There is a lack of social contact. The success of teaching methods depends on many factors, such as the material and technical conditions of distance learning, the communication platform, the material already taught, the organization of the teaching unit, the mental level of the students, and the pedagogical skills of the teacher. Many topics could only be taught on a theoretical level. Psychomotor teaching objectives could not be fully achieved through distance learning. Based on the survey conducted, we found that technical education cannot be fully taught through distance learning and the methods for which teachers are trained. Changes are needed in the didactic level of training future teachers.

5th evaluated output

1.

OCA5. - Area of assessment

Bc./Preschool and Elementary Pedagogy; Mgr./Teaching for Primary Education; PhD./Preschool and Elementary Pedagogy

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

scientific output

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

2022

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

ID: 1013340

OCA9. - Hyperlink to the record in CRPA or CRAA

<https://app.crepc.sk/?fn=detailBiblioFormChildA1M6L9&sid=3F129C059416E4589B8223D71532&seo=CREP%C4%8C-detail-%C4%8C%C3%A1nok>

Title of the publication to which the hyperlink points

Developing technical skills as a source of pupils' physical and psychological balance

OCA14. - Characteristics of the author's contribution

100% original work. The author researched the issue of technical education, an important condition for the quality of which is not only the development of technical skills, technical creativity, and technical thinking, but also ensuring the physical and mental balance of the student's personality. She presents research results that confirm that if a pupil, student, or teacher develops their thinking, skills, and creativity and shows a positive attitude towards the content of technical education in all areas of development, this leads to the physical and mental balance of the student and, at the same time, to the prevention of risky behavior.

OCA15. - Annotation of the output with contextual information concerning the description of creative process and the content of the research/artistic/other activity, etc.

Dôležitou podmienkou kvality je rozvíjanie technických zručností, technickej tvorivosti, technického myslenia, ale aj zabezpečenie fyzickej a psychickej rovnováhy učiaceho sa. Prezentované výskumné zistenia deklarujú, že ak žiak, študent, či učiteľ rozvíja svoje myslenie, zručnosti, tvorivosť a preukáže pozitívny vzťah k obsahom technického vzdelávania vo všetkých oblastiach rozvoja, dochádza k fyzickej a psychickej rovnováhe učiaceho sa a zároveň k prevencii rizikového správania. Na skúmanej vzorke 86 respondentov sa preukázala štatistická významnosť medzi skúmanými premennými.

An important condition for quality is the development of technical skills, technical creativity, and technical thinking, but also ensuring the physical and mental balance of the learner. The presented research findings declare that if a pupil, student, or teacher develops their thinking, skills, creativity, and demonstrates a positive attitude towards the content of technical education in all areas of development, the learner achieves physical and mental balance and, at the same time, prevents risky behavior. A statistical significance between the examined variables was demonstrated in the sample of 86 respondents

OCA16. - Annotation of the output in English

Technical education, an important condition for the quality of which is the development not only of technical skills, technical creativity, and technical thinking, but also ensuring the physical and mental balance of the learner's personality. The article presents research findings which declare that if a pupil, student or teacher develops their thinking, skills and creativity and demonstrates a positive attitude towards the content of technical education in all areas of development, this leads to the physical and mental balance of the learner and at the same time to the prevention of risky behaviour. Research using a set of research methods (original questionnaire, interviews, pre-test, test, post-test, and others) on a sample of 86 respondents showed statistical significance between the variables studied.

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

[01] ZENTKO, Jozef; TOKOŠ, Peter; HRMO, Roman. Support For Parents When Educating Pupils During Distance Education In The Time Of The Pandemic. In: Ad alta: journal of interdisciplinary research. - Hradec Králové (Česko) : Magnanimitas akademické sdružení. - ISSN 1804-7890. - ISSN (online) 2464-6733. - Roč. 13, č. 1 (2023), s. 301-306. - DOI org/10.33543/1301. - WOS CC. Web of Science Core Collection:WOS:001027245000052

[02] EMMEROVÁ, Ingrid. Možnosti školy v prevencii rizikového a problémového správania žiakov [učebnica pre vysoké školy] Bartik, Pavol [Recenzent] ; Dulovics, Mária [Recenzent]. - 1. vyd. - Ružomberok (Slovensko) : Katolícka univerzita v Ružomberku. VERBUM - vydavateľstvo KU, 2023. - 90 s. - ISBN 978-80-561-1019-5

[02] EMMEROVÁ, Ingrid. Vzdelávacie potreby učiteľov v oblasti tvorby bezpečného školského prostredia a problémové správanie žiakov. In: Vybrané aspekty tvorby bezpečného školského prostredia [textový dokument (print)] / Emmerová, Ingrid [Autor] ; Jablonský, Tomáš [Autor]; Petlák, Erich [Autor] ; Bellová, Slavomíra [Autor] ; Siváková, Gabriela [Autor] ; Tišhanová, Katarína [Autor]. - 1. vyd. - Ružomberok (Slovensko) : Katolícka univerzita v Ružomberku. VERBUM - vydavateľstvo KU, 2023. - ISBN 978-80-561-1026-3, s. 7-35 [1,91 AH]

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

The research findings presented in the study may be useful in interventions in the education and training of students and in preparing new generations for future practice. It will be necessary to have a rich set of scientific and technical competencies. A young generation prepared for the new, modern technical and technological environment of future social practice requires new, creative, critical, and scientific-technical thinking, which students can only acquire through education based on modern progressive teaching strategies in all areas of development, while achieving physical and mental balance in the learner.

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

The output of scientific activity and examples of good practice have a positive impact on educational practice. On the one hand, experts in the education and training of young generations of future teachers use the findings from research using a package of research methods (original questionnaire, interviews, pre-test, test, post-test, and others) on a sample of 86 respondents, demonstrating statistical significance between the variables studied, offer new research findings necessary for the implementation of an effective, developmental, and scientifically based educational process. On the other hand, if teachers develop their thinking, skills, creativity, and demonstrates a positive attitude towards the content of technical education in all areas of development, the learner achieves physical and mental balance and at the same time prevents risky behavior, which is necessary for contemporary education based on comprehensive personality development.

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