

EDITOR-IN-CHIEF

Profº Me. Isabele de Souza Carvalho

EXECUTIVE EDITOR

Nathan Albano Valente

BOOK ORGANIZER

Seven Publications LTDA

EDITORIAL PRODUCTION

Seven Publications Ltda

2023 by Seven Editora

Copyright © Seven Publisher

Text Copyright © 2023 The Authors

Edition Copyright © 2023 Seven Publisher

TEXT EDITING

Stefanie Vitoria Garcia de Bastos

ART EDIT

Alan Ferreira de Moraes

COVER IMAGES

AdobeStok

LIBRARIAN

Bruna Heller

AREA OF KNOWLEDGE

Educational Sciences

The content of the text and its data in its form, correctness and reliability are of the author's sole responsibility and does not necessarily represent the official position of Seven Academics Events and Publishing Company. The work can be downloaded and shared if credit is given to the author, but without the possibility of altering it in any way or using it for commercial purposes.

All manuscripts were previously submitted to blind peer review, members of the Editorial Board of this Publisher, and were approved for publication based on criteria of neutrality and academic impartiality.

Seven Publications is committed to ensuring editorial integrity at every stage of the publication process, preventing plagiarism, fraudulent data, or results, and preventing financial interests from compromising the ethical standards of publication. Suspected situations of scientific misconduct will be investigated with the highest academic and ethical rigor.



The contents of this book have been submitted by the author for open access publication, in accordance with the terms and conditions of the Creative Commons 4.0 Attribution License International.

EDITORIAL BOARD

EDITOR-IN-CHIEF

Prof^o Me. Isabele de Souza Carvalho

EDITORIAL BOARD

Pedro Henrique Ferreira Marçal - Vale do Rio Doce University
Adriana Barni Truccolo - State University of Rio Grande do Sul
Marcos Garcia Costa Morais - State University of Paraíba
Mônica Maria de Almeida Brainer - Federal Institute of Goiás Ceres Campus
Caio Vinicius Efigenio Formiga - Pontifical Catholic University of Goiás
Egas José Armando - Eduardo Mondlane University of Mozambique
Ariane Fernandes da Conceição - Federal University of Triângulo Mineiro
Wanderson Santos de Farias - University for Sustainable Development
Maria Gorete Valus - University of Campinas
Luiz Gonzaga Lapa Junior - University of Brasilia
Janyel Trevisol - Federal University of Santa Maria
Irlane Maia de Oliveira - Federal University of Mato Grosso
Paulo Roberto Duailibe Monteiro - Fluminense Federal University
Luiz Gonzaga Lapa Junior - University of Brasilia
Yuni Saputri M.A - Nalanda University, India
Arnaldo Oliveira Souza Júnior – Federal University of Piauí, CEAD
Anderson Nunes Da Silva - Federal University of Northern Tocantins
Adriana Barretta Almeida - Federal University of Paraná
Jorge Luís Pereira Cavalcante - Iberoamerican University Foundation
Jorge Fernando Silva de Menezes - University of Aveiro
Antonio da Costa Cardoso Neto - University of Flores, Buenos Aires
Antônio Alves de Fontes-Júnior - Cruzeiro do Sul University
Alessandre Gomes de Lima - Faculty of Medicine of the University of Porto
Moacir Silva de Castro - Pontifical Catholic University of São Paulo
Marcelo Silva de Carvalho- Federal University of Alfenas
Charles Henrique Andrade de Oliveira - University of Pernambuco
Telma Regina Stroparo - State University of Ponta Grossa
Valéria Raquel Alcantara Barbosa - Fundação Oswaldo Cruz
Kleber Farinazo Borges - University of Brasilia
Rafael Braga Esteves - University of São Paulo
Inaldo Kley do Nascimento Moraes - State University of Southwest Bahia
Mara Lucia da Silva Ribeiro - Federal University of São Paulo

S498n

Seven Editora.

Navigating through the knowledge of education
[electronic resource] / Seven Editora. – São José dos
Pinhais, PR: Seven Editora, 2024.

Electronic data (1 PDF). 2 v.

ISBN 978-65-85932-13-4

1. Education. 2. Teaching. I. Title.

CDU 37

Indexes for systematic catalogue:

1. CDU: Education 37

Cataloguing at source: Bruna Heller (CRB10/2348)

Seven Publications Ltda
CNPJ: 43.789.355/0001-14
editora@sevenevents.com.br
São José dos Pinhais/PR

AUTHOR'S STATEMENT

The author of this work DECLARES, for the following purposes, that:

You do not have any commercial interest that creates a conflict of interest in relation to the content published;

Declares to have actively participated in the construction of the respective manuscripts, preferably under the following conditions: "a) Study design, and/or data acquisition, and/or data analysis and interpretation; b) Preparation of the article or review to make the material intellectually relevant; c) Final approval of the manuscript for submission";

Certifies that the published text is completely free of fraudulent data and/or results and authorship defects;

Confirms the correct citation and reference of all data and interpretations of data from others Research;

Acknowledges that it has informed all sources of funding received to carry out the research; Authorizes the editing of the work, including catalog registrations, ISBN, DOI and other indexers, visual design and cover creation, internal layout, as well as its release and dissemination according to the criteria of Seven Academics Events and Publishing Company.

PUBLISHER'S STATEMENT

Seven Publications DECLARES, for the purposes of rights, duties and any methodological or legal meanings, that:

This publication constitutes only a temporary transfer of copyright, constituting a right to publication and reproduction of the materials. The Publisher is not co-responsible for the creation of published manuscripts, under the terms established in the Copyright Law (Law 9610/98), in article 184 of the Penal Code and in article 927 of the Civil Code; The author(s) is solely responsible for verifying such copyright and other issues, holding the Publisher harmless from any civil, administrative, and criminal damages that may arise.

Authorizes the DISSEMINATION OF THE WORK by the author(s) in lectures, courses, events, concerts, media and television, provided that there is due recognition of the authorship and editing and without any commercial purpose, with the presentation of the due CREDITS to SEVEN PUBLICATIONS, being the author(s) and publisher(s) responsible for the omission/exclusion of this information;

All ebooks are open access, so don't sell them on your website, partner sites, e-commerce platforms, or any other virtual or physical medium. Therefore, it is exempt from copyright transfers to authors, since the format does not generate other rights beyond the didactic and advertising purposes of the work, which can be consulted at any time.

All members of the editorial board have doctors and are linked to public institutions of higher education, as recommended by CAPES to obtain the Qualis book;

Seven Academic Events does not assign, sell, or authorize the use of the names and e-mails of the authors, as well as any other data of theirs, for any purpose other than the dissemination of this work, in accordance with the Civil Rights Framework for the Internet, the General Data Protection Law and the Constitution of the Federative Republic.

AUTHORS



Adriana Aparecida de Lima Terçariol
Adriana Piontkovsky Barcellos
Alfredo Gabryel Bastos de Abreu
Aline Varella Rodrigues
Ana Cristina Trindade Cursino
Andressa de Paula Amaral Sanches
Andrey Istvan Mendes Carvalho
Antonio dos Santos Silva
Caique Douglas Pantoja Gomes
Camila Dias de Borba
Carla Alexandra Ramalho de Sena Martins
Carla Xavier da Costa
Carlos Ovídio Lopes de Mendonça Netto
Charles Alberto Brito Negão
Cláudia Araújo de Lima
Cláudia Mara de Almeida Rabelo Viegas
Cristhian Antonio Brezolin
Danielle Piontkovsky
Denise Campos
Eliane Pereira Lopes
Elizabeth Teixeira de Souza
Emilio Stalin Tapia Jacinto
Ewerton Carvalho de Souza
Gabriel Domingos Carvalho
Gabriela Machado Silva
Gustavo Martins Lemos Tavares
Heline de Mendonça Bezerra
Hélio Bezerra da Silva
Heloiza Verena Alves Pinheiro
Ingrid Santella Evaristo
Jaqueline Dias Senra
Jonathan Henrique Jeremias Souza
Jorge Luiz Lima da Silva
José Francisco Nunes Guilherme
Julierme Ferreira de Sousa
Júlio Cesar Neves dos Santos

Kilma Soares Hatzis
Lázaro de Lima Pantoja Neto
Leila Vaz da Silva
Leonardo Moraes Amorim
Livia Solidade Barreto
Lucimara de Sousa Teixeira
Maeles Carla Geisler
Maria Cristina de Oliveira Salgados Nunes
Maria Nascimento Cunha
Mariana Abreu Accioly
Marinalva Soares da Silva
Matheus Ramon Blanco Camarão
Maycon Silva Aguiar
Melina Fernandes Castro
Mizant Couto de Andrade Santana
Natalia Soares de Castro
Osmir Pontes de Andrade
Pedro Henrique Alves Barros
Rafael José Bona
Regina Batista Sousa
Regina Serrão Lanzillotti
Renata Cristina Revuelta Yara
Rodrigo Neiva
Romeu Afecto
Rozana Neves Guimarães de Carvalho
Sandro Lauri da Silva Galarça
Saúl Neves de Jesus
Sílvia Costa Pinto
Talita de Lima Tavares Araujo
Tatiane das Graças da Silva
Thaís de Almeida Rosa
Valquíria Pezzi Parode
Vanessa Oliveira
Victoria Martins Serbeto
Vitória da Paixão
Wellington Marcelino Piropo

SUMMARY

The challenges for training in the modality of teaching young people and adults: In evidence the perception of teachers in Belo Horizonte



Leila Vaz da Silva

  <https://doi.org/10.56238/sevened2024.015-001>

.....1-21

Green Hydrogen - How to set up a class for students with deafness



Wellington Marcelino Piropo, Aline Varella Rodrigues and Ana Cristina Trindade Cursino

  <https://doi.org/10.56238/sevened2024.015-002>

.....22-28

Enhancing basic education through transmedia: Using media for teaching in Blumenau/SC-Brazil



Maeles Carla Geisler, Rafael José Bona and Sandro Lauri da Silva Galarça

  <https://doi.org/10.56238/sevened2024.015-003>

.....29-41

Teaching process in times of pandemic: A reflection on inclusive education



Vanessa Oliveira and Carlos Ovídio Lopes de Mendonça Netto

  <https://doi.org/10.56238/sevened2024.015-004>

.....42-54

Consequences of strikes on the professional and personal lives of teachers



Sílvia Costa Pinto and Maria Nascimento Cunha

  <https://doi.org/10.56238/sevened2024.015-005>

.....55-79

School and family: A necessary partnership in the teaching-learning process



Vanessa Oliveira, Marinalva Soares da Silva and Kilma Soares Hatzis

  <https://doi.org/10.56238/sevened2024.015-006>

.....80-108

SCRUM in Education: An approach to teaching programming in technical courses in Internet Informatics



Jonathan Henrique Jeremias Souza and Júlio Cesar Neves dos Santos

  <https://doi.org/10.56238/sevened2024.015-007>

.....109-131

Gamification as a methodological tool in andragogical teaching



Talita de Lima Tavares Araujo and Vitória da Paixão

  <https://doi.org/10.56238/sevened2024.015-008>

.....132-146

Chemical Bingo: A playful approach to teaching the Periodic Table



Caique Douglas Pantoja Gomes, Charles Alberto Brito Negão, Matheus Ramon Blanco Camarão, Leonardo Moraes Amorim, Heloiza Verena Alves Pinheiro, Alfredo Gabryel Bastos de Abreu, Andressa de Paula Amaral Sanches, Lázaro de Lima Pantoja Neto, Ewerton Carvalho de Souza and Antonio dos Santos Silva

  <https://doi.org/10.56238/sevened2024.015-009>

.....147-159

Education and the labour market: Building bridges to the future



Eliane Pereira Lopes

  <https://doi.org/10.56238/sevened2024.015-010>

.....160-166

The context of Professional and Technological Education in pandemic times: On curricular practices and the use of digital technologies



Tatiane das Graças da Silva, Danielle Piontkovsky, Adriana Piontkovsky Barcellos and Gabriel Domingos Carvalho

  <https://doi.org/10.56238/sevened2024.015-011>

.....167-176

Chemistry at the tip of brushes: Teaching chemistry through makeup for black skin



Victoria Martins Serbeto, Jaqueline Dias Senra and Elizabeth Teixeira de Souza

  <https://doi.org/10.56238/sevened2024.015-012>

.....177-201

Development of an educational application for the health area



Rozana Neves Guimarães de Carvalho, Julierme Ferreira de Sousa, Jorge Luiz Lima da Silva, Emilio Stalin Tapia Jacinto, Gustavo Martins Lemos Tavares, Natalia Soares de Castro and Cristhian Antonio Brezolin

  <https://doi.org/10.56238/sevened2024.015-013>

.....202-212

Misalignments between discourse and grammar studies in brazilian basic education



Maycon Silva Aguiar and Andrey Istvan Mendes Carvalho

  <https://doi.org/10.56238/sevened2024.015-014>

.....213-230

Borari Indigenous School: An analysis of the teaching of tourism in the village of Alter do Chão



Mizant Couto de Andrade Santana and Regina Batista Sousa

  <https://doi.org/10.56238/sevened2024.015-015>

.....231-254

Multiple myeloma: A literature review



Mariana Abreu Accioly, Heline de Mendonça Bezerra, Livia Solidade Barreto, Melina Fernandes Castro and Hélio Bezerra da Silva

  <https://doi.org/10.56238/sevened2024.015-016>

.....255-258

Factors of (dis)satisfaction with body self-image in adolescence



José Francisco Nunes Guilherme, Carla Alexandra Ramalho de Sena Martins, Maria Cristina de Oliveira Salgados Nunes and Saúl Neves de Jesus

  <https://doi.org/10.56238/sevened2024.015-017>

.....259-276

Analysis of student performance using the Fuzzy intuitionist model

Pedro Henrique Alves Barros and Regina Serrão Lanzillotti

  <https://doi.org/10.56238/sevened2024.015-018>

.....277-288

The hybrid and multimodal training of graduate students in education



Adriana Aparecida de Lima Terçariol, Romeu Afecto, Ingrid Santella Evaristo, Thaís de Almeida Rosa, Lucimara de Sousa Teixeira, Carla Xavier da Costa, Osmir Pontes de Andrade and Renata Cristina Revuelta Yara

  <https://doi.org/10.56238/sevened2024.015-019>

.....289-303

Reflections on medicalization in education: Perspectives of school psychology and human rights



Gabriela Machado Silva and Cláudia Araújo de Lima

  <https://doi.org/10.56238/sevened2024.015-020>

.....304-312

Art, transdisciplinary education and spirituality: Music and vibrational therapy in formation



Valquíria Pezzi Parode and Camila Dias de Borba

  <https://doi.org/10.56238/sevened2024.015-021>

.....313-334

The curricularization of extension in the context of distance education

Cláudia Mara de Almeida Rabelo Viegas, Denise Campos and Rodrigo Neiva

  <https://doi.org/10.56238/sevened2024.015-022>

.....335-349