

Publication Certificate

Seven Publicações Ltda, declares that the article **Creation of meanings in educational processes: Teaching practices with playful and experimental activities in the teaching of chemistry**, by authorship Amanda Klammer de Almeida and Cristiane Backes Welter, was PUBLISHED in the form of an individual chapter of a book whose theme is: Pathways to Knowledge: Exploring the Horizons of Education, under the registration the registration number ISBN: 978-65-84976-49-8

Publication Link: <http://sevenpublicacoes.com.br/index.php/editora/article/view/2342>

DOI: 10.56238/ptoketheeducati-067

Finally, I sign this declaration.

São José dos Pinhais, Brazil, August 09, 2023.



Nathan Albano Valente
Editor de redação