## Volume 15

International Cooperation Center for the Teacher Education and Training, Naruto University of Education

### 2021

# CONTENTS

#### Research Article

A Study on Physical Education and Sports Policy: The Political Implications of the Revitalization Plan for Baseball in

Exploring the Endogenous Development of Mathematics Curriculum in the African Context from the Perspective of Educational Borrowing Theory

Exploring the Gaps between the New Play-Based Kindergarten Curriculum and Teachers' Classroom Practices in Thet Mon Myat Myint Thu

Strengthening Reflective Skills of South African Mathematics Subject Advisors

Yumiko ONO

## Study Note

Quality of Mathematics Education in Burkina Faso Junior High School: Prescriptions, Practices, and Issues

Ernest Sidnoma TIENDREBEOGO, Kazuyuki TAMURA

Teaching Method in Mathematics Education: Neediness of the Paradigm Shift to Structured Problem-Solving Approach at Ernest Sidnoma TIENDREBEOGO, Kazuyuki TAMURA Junior High School in Burkina Faso

A Comparative Analysis of Assessment Practices in Burkina Faso and Japanese Primary Schools

Fernand KOUNIKORGO, Kazuyuki TAMURA

Research on Chinese Japanese Learners' Acquisition of Giving and Receiving Expressions: Based on the Sentences from "Comment Cards"

Development of English Lessons Incorporating Project-Based Service Learning in Junior High School: Towards Fostering Glocal Human Resources Who Contribute to the Realization of SDGs Saki NAKAMURA

Assessing Mathematics Academic Ability at the Elementary Level in El Salvador Based on Cognitive and Content

Domains: Combining TIMSS's Framework and El Salvador Mathematics Curriculum

Ana Ester ARGUETA ARANDA, Francisco Antonio MEJÍA RAMOS, Satoshi KUSAKA, Hiroki ISHIZAKA

The Transition of Education Policy of Nicaragua: Focusing on Changes with Regime Change Soh NAGAKURA

An Analysis of the Junior High School Japanese Language Test on 'National Assessment of Academic Ability': From the Viewpoint of Japanese Language Education for Foreign Students Mayumi MIYABE

Experiences and Challenges of International Educational Cooperation in China, Japan and Korea: Seeking Implications for the Future of China's International Educational Cooperation Zihan TANG

A Discussion of Extensive Reading Activities in Japanese Language Education

Hitomi OBUCHI

Teachers' Content Knowledge and Pedagogical Content Knowledge for Teaching: As Preconditions to Develop Students' Reetu SHRESTHA Mathematical Thinking at Grade 1-3 in Nepal

Impact of Model Drawing and Visualization to Solve Word Problem of Equation at Grade-8 in Nepal

Arvind Pratap ADHIKARI, Hiroki ISHIZAKA

An Analysis of the Use of Inquiry Based Learning Through The 5E Model as A Pedagogy to Improve Critical Thinking and Problem Solving in Mathematics Education in Jamaica Sheena SUCKOO, Hiroki ISHIZAKA

Factors Limiting High Achievement Level in Grade 6 Science Subjects in Fiji: External Examination Items and Results Wiliame Tabuaniika TAWAKE, Masao ISHIMURA

Needs Analysis of the Educational Sector in El Salvador amid Covid-19 Pandemic

Takumi FUJITO

Sarah Amour RAVELOSON

Comparison of Critical Thinking Skills Development in English as a Foreign Language Classrooms in Latvia and Japan Raimonds JANKOVSKIS

Transformation of Mathematics Classes through Global Lesson Studies

Takeshi SAKAI, Hideyuki AKAI, Kazuyuki TAMURA, Hiroki ISHIZAKA, Hiroaki OZAWA

The Potential of the Global Lesson Study as PDCA+E: Verification through a Case Study in Mathematics

Takeshi SAKAI, Hideyuki AKAI, Kazuyuki TAMURA, Hiroki ISHIZAKA, Hiroaki OZAWA

The Current Situation of Nurseries after the COVID-19 in Arab Republic of Egypt Miki KAWAMURA, Tetsuo KAMITANI Pre-Service Training of Elementary School Teachers in Burkina Faso Martial BONKOUNGOU Hiroaki OZAWA

A Comparative Study on International Understanding Education in China and Japan: Through the Study of the History, Form, and Curriculum of International Understanding Education in Primary Schools Xiaoyu WANG, Hiroki ISHIZAKA

The Main Issues of Natural Science Education in Madagascar

International Science Study and Cultural Exchange Activity at a Super Science High School

Martial BONKOUNGOU, Sarah Amour RAVELOSON, Ernest Sidnoma TIENDREBEOGO, Fernand Ouindinhidebzanga KOUNIKORGO, Arvind Pratap ADHIKARI, Nathalie Regina Chantal DUVAL, Zehua WANG, Yukio TERASHIMA, Kiyoshi TAKEDA

Report on Jamaica Online Volunteer Activity: As a Training for Primary School Teachers, Coordinated by Naruto University of Education and Ministry of Education, Youth and Information

Hiroki ISHIZAKA, Satoshi KUSAKA, Daisuke KANO, Homare TOKIWA, Madoka SAKO, Nanako SHIGEMOTO. Reiko IWAI, Sheena SUCKOO, Soh NAGAKURA, Takumi FUJITO, Yuki OCHIAI,Yuki ONO, Yusuke WAKITA

Guide for Authors for NUE Journal of International Educational Cooperation

鳴 門 教 育 大

玉 際 教 育

協

力

研

究

第

15

号

 $\overline{\bigcirc}$ 

鳴

教育大学

「際協力・

研究論文

台湾における体育・スポーツ政策に関する一考察 - 「振興野球運動総計画」の内容にみる政治的意味 -

音字件

ISSN 1881-0799

Exploring the Endogenous Development of Mathematics Curriculum in the African Context from the Perspective of Satoshi KUSAKA

鳴門教育大学

国際教育協力研究

第 15 号

NUE Journal of International Educational Cooperation, Volume 15

2021

Exploring the Gaps between the New Play-Based Kindergarten Curriculum and Teachers' Classroom Practices in Thet Mon Myat Myint Thu

南アフリカ共和国初等算数指導主事の授業省察力育成の試み

小野由美子

#### 研究ノート

Quality of Mathematics Education in Burkina Faso Junior High School: Prescriptions, Practices, and Issues Ernest Sidnoma TIENDREBEOGO, Kazuyuki TAMURA

Teaching Method in Mathematics Education: Neediness of the Paradigm Shift to Structured Problem-Solving Approach at Junior High School in Burkina Faso

Ernest Sidnoma TIENDREBEOGO, Kazuyuki TAMURA Ernest Sidnoma TIENDREBEOGO, Kazuyuki TAMURA

A Comparative Analysis of Assessment Practices in Burkina Faso and Japanese Primary Schools Fernand KOUNIKORGO, Kazuyuki TAMURA

中国人日本語学習者の授受表現の習得状況に関する一考察 - 「コメントカード」から抽出した文に基づいて-中学校英語科におけるサービス・ラーニング型 PBL を取り入れた授業開発

- SDGs の実現に貢献するグローカル人材の育成をめざして

中村早希

Assessing Mathematics Academic Ability at the Elementary Level in El Salvador Based on Cognitive and Content

Domains: Combining TIMSS's Framework and El Salvador Mathematics Curriculum
Ana Ester ARGUETA ARANDA, Francisco Antonio MEJIA RAMOS, Satoshi KUSAKA, Hiroki ISHIZAKA ニカラグアの教育政策の変遷 - 政権交代による変化を中心に -

「全国学力・学習状況調査」中学校国語の問題に関する日本語教育学的な分析

- 日本語支援を必要とする子どものために -

日中韓における国際教育協力の経験と課題 - 中国の国際教育協力の未来への示唆を求めて -

日本語教育における多読活動についての一考察

唐子涵 大渕朣

宮部真由美

Teachers' Content Knowledge and Pedagogical Content Knowledge for Teaching: As Preconditions to Develop Students' Mathematical Thinking at Grade 1-3 in Nepal

Impact of Model Drawing and Visualization to Solve Word Problem of Equation at Grade-8 in Nepal Arvind Pratap ADHIKARI, Hiroki ISHIZAKA

An Analysis of the Use of Inquiry Based Learning Through The 5E Model as A Pedagogy to Improve Critical Thinking and Problem Solving in Mathematics Education in Jamaica Sheena SUCKOO, Hiroki ISHIZAKA

Factors Limiting High Achievement Level in Grade 6 Science Subjects in Fiji: External Examination Items and Results from 2017, 2018 and 2019 Wiliame Tabuaniika TAWAKE, Masao ISHIMURA

コロナ禍におけるエルサルバドル教育セクターのニーズ分析

日本とラトビアの外国語としての英語教室における批判的思考スキルの開発の比較

ヤンコブスキス・ライモンズ

Transformation of Mathematics Classes through Global Lesson Studies

Takeshi SAKAI, Hideyuki AKAI, Kazuyuki TAMURA, Hiroki ISHIZAKA, Hiroaki OZAWA

The Potential of the Global Lesson Study as PDCA+E: Verification through a Case Study in Mathematics Takeshi ŠAKAI, Hideyuki AKAI, Kazuyuki TAMURA, Hiroki ISHIZAKA, Hiroaki OZAWA

エジプト・アラブ共和国における保育園の現状: 新型コロナウィルス感染拡大の影響を受けて 川村幹, 神谷哲郎 Pre-Service Training of Elementary School Teachers in Burkina Faso Martial BONKOUNGOU, Hiroaki OZAWA

中日における国際理解教育に関する比較研究

- 小学校における国際理解教育の歴史・形態・カリキュラムの考察を通して -

王小雨, 石坂広樹

The Main Issues of Natural Science Education in Madagascar

Sarah Amour RAVELOSON

# 活動報告

スーパー・サイエンス・ハイスクールにおけるインターナショナル・サイエンス・スタディと国際交流活動 マーシャル・ボンクング, サラ・アムール・ラヴェルソン, アーネスト・シドノマ・ティンドレボゴ, フェルナンド・ウィドインヒデブザンガ・コウニコルゴ, アービンド・プラタップ・アディカリ, ナタリー・レギナ・シャンタル・ジュバル, 王澤華, 寺島幸生, 武田清

Report on Jamaica Online Volunteer Activity: As a Training for Primary School Teachers, Coordinated by Naruto

University of Education and Ministry of Education, Youth and Information

Hiroki ISHIZAKA, Satoshi KUSAKA, Daisuke KANO, Homare TOKIWA, Madoka SAKO, Nanako SHIGEMOTO,
Reiko IWAI, Sheena SUCKOO, Soh NAGAKURA, Takumi FUJITO, Yuki OCHIAI,Yuki ONO, Yusuke WAKITA

鳴門教育大学教員教育国際協力センター研究紀要「国際教育協力研究」投稿要領

# NUE Journal of International Educational Cooperation

国立大学法人 鳴 門 教 育 大 学 教員教育国際協力センター