

JOURNAL OF DEVELOPMENTAL SCIENCE
MIYAGI GAKUIN WOMEN'S UNIVERSITY

2026 / No.26

CONTENTS

◆Articles◆

- A Study on Electricity Education in Elementary Schools Using a Cross Curricular Perspective:
Based on Collaboration Between Science, Social Studies, and Home Economics
.....ITAHASHI Natsuki..... 1
- Self-Rated Knowledge of Preconception Care and Its Associations with Learning Motivation and
Help-Seeking Intentions among Female University Students
.....SASAKI Maiko, OHASHI Tomoki..... 11
- Mathematical teaching materials which bring out various solutions
—Using the area of a shape as an example—
.....NAKAKOMI Yuji, KUROKI Nobuaki..... 21
- Sexuality Education as Social Work: Insights from the Development of a Self-Assessment Scale for
Child Care Workers in a Child Welfare Facility in Japan
.....MATSUBARA Hiroko..... 33
- Multicultural Education in Early Childhood Educator Training Programs: An Analysis of Students'
Perceptions and Educational Challenges
.....YU Kyung-Ran..... 41

◆Study Notes◆

- A Study of Newspaper Reports on the Life Problems of People with Disabilities after the Death of
Their Parents
.....TAKAHASHI Kayo..... 47
- The Current Situation Survey of Menstrual and Associated Menstrual Symptoms of Female College
Students
.....NISHIDA Rie..... 57
- A Proposal for Lessons Incorporating CLIL Learning and Phonics through Picture Books in Foreign
Language Activities Classes for Third- and Fourth-Grade Japanese Elementary School Students
.....FUJISAKI Sanae, GREEN Jennifer, GYOBA Keietsu..... 65
- A study on Physical play Activities During the Transition from Preschool to Elementary School
.....MORI Wataru..... 79



ISSN 1346-0188

<http://www.mgu.ac.jp/~child/>

THE INSTITUTE OF DEVELOPMENTAL SCIENCE
MIYAGI GAKUIN WOMEN'S UNIVERSITY