

Contents

Natural Science

Hidden findings

The natural developmental history of the individual with trisomy 18 Ayumu **GOUKON** (1— 3)

A nonlinear regression model for distance-velocity curve of 100m sprint

..... Katsuyuki **HAGIWARA** and Masaaki **SUGITA** (5— 17)

Construction of a nonrecursive 64-bit pseudorandom number generator based on beta transformations on [1,2)

..... Hirotake **YAGUCHI** (19— 25)

Development of an Astronomical Learning Program for Estimating Stellar Surface Temperature using Astronomical Data Archive

..... Nobunari **ITOH** (27— 33)

On the Formation of the Musical Ethos Theory in the Ancient Greek

..... Wataru **UEGAKI** and Chikako **NEZU** (35— 62)

Utilization of Hyper-V in Classroom Terminals

..... Kazunori **YAMAMORI** and Atsushi **WASHIO** (63— 72)

Humanities

A Study on Choosing Chinese Characters for the Primary School Kanji Table:

Based on Ten Most Infrequent Chinese Characters Ken-ichi **TAMBO** (73— 90)

A study of 'Sue no Matsuyama'

..... Akihiko **MATSUMOTO** (92— 100)

Josui Momosawa's Researches on Paintings by Shohaku Soga

..... Yasuhiro **YAMAGUCHI** (102— 116)

Social Science

Empirical research on Personal Finance for First-Year Mie University Students:

Analysis of a Questionnaire Survey

..... Noriko **YAMAJI**, Hideki **NORIMOTO** and Toshiko **YOSHIMOTO** (117— 130)

A study on influence that belonged to the sports club in a school gives to identity of high school students

..... Setsuko **OKUMA**, Kazumi **SHIMIZU** (131— 140)

Education

A Study of Construction for Theory of the Child Care Support

The Tentative Plan for the Education of Nursery Teacher Susumu **SUNAGA** (141— 148)

Why do children believe Santa Claus and stop believing finally? :

From the recollection report by college students Shohei **TOMITA** (149— 158)

A Critical Note on 'IKIRU CHIKARA (Zest for Living)' Part 2

..... Toshiaki **SATOU** (159— 173)

Tax Education at Junior High Schools in the Age of a Quadrillion Yen National Accumulated Deficit

..... Eiji **YAMANE** (175— 192)

- Investigation about the support to children with the learning difficulty in the normal class
 Yukari **CHAMOTO**, Toshihiko **KIKUCHI** (193–205)
- Effect of sense of social stagnation on uninterested to love in adolescent Manabu **MINAMI** (207–213)
- The Characteristics of Communication in Children with Severe Motor and Intellectual Disabilities
 based on Therapist Behavior Analysis Takumi **HAMADA**, Toshihiko **KIKUCHI** (215–222)
- How to write episode description in Elementary Physical Education Toward Qualitative Improvements
 of Learning Takahiro **KANO**, Noboru **OKANO** and Nobuhiro **ITO** (223–231)
- Development of Home economics classes for improvement of cooking skills in elementary school
 ... Rena **KAMIYA**, Mariko **KUZE**, Yukiko **NAKAMURA**, Madoka **HIRASHIMA** and Yuka **ISOBE** (233–239)
- Study on Integration of Technology Field and Home Economics Field in Junior High School
 Akio **UOZUMI** and Ayumi **SATO** (241–248)
- The influence of adherence of high school students on school adjustment
 Akira **HIROZAKI** and Minako **SETO** (249–262)
- Relation between teachers' belief and their support for children
 Keisuke **SAKAI** and Minako **SETO** (263–269)
- The Effects of Teaching Strategies that Facilitate Metacognition
 on Interaction among Peers during Collaborative Learning
 Mayumi **TAKAGAKI**, Yoshifumi **NAKANISHI** and Hirotsugu **TAZUME** (271–278)
- Effects of agency beliefs for strategy, perceived cost, and perceived utility on the use of learning strategies
 Takatoyo **UMEMOTO**, Naoya **YADA** and Yoshifumi **NAKANISHI** (279–284)
- Does the orientation toward critical thinking conduce to depression?
 Soutarou **ISOWA**, Manabu **MINAMI** (285–295)
- Assessment of a “Difficult” child in a regular class Minako **SETO** (297–301)
- A Study on the “Mathematics of Beppu”
 : Mathematics Education Taught by Kawano Sangoro Nobuaki **TANAKA** (303–314)
- A Study of Fact-Finding of a Golf School Student's Learning on a Driving Range
 Naoki **YONEKAWA**, Kiyoshi **TSURUHARA**, Nobumitsu **TSUBOTA**, Atushi **YOSHIMURA**,
 Hideo **YOSHIZATO**, Toshihiro **SAKATA** and Satoshi **KOYAMA** (315–325)
- The impact of sport experience in athletic clubs on life skills acquisition in adolescent golfers
 Kohei **SHIMAMOTO**, Naoki **YONEKAWA** (327–333)
- Development of a Scale for Social Motivation in Corporative Learning.
 Yoshifumi **NAKANISHI**, Makoto **NAKAJIMA**, Kazuhiro **DAIDOH**, Yuko **MASUKAWA**,
 Sayaka **MORIYAMA**, Tomoko **SHIMOMURA**, Fumiyo, **NAGAHAMA**
 and Rumiko **NAKAYAMA** (335–341)
- “Care for the Soul” and “Mental Health Care”
 The Emerging Culture of Assistance in Japan's Schools of the Post-Fukushima Era
 Toshiko **ITO** (343–353)
- English Teaching in Elementary Schools in Indonesia and Japan: Younger is Better?
 Hiroko **ARAO** and Amelia Rissa Rizkia (355–363)
- A Basic Study of Schools as Professional Learning Communities (2)
 — Dialogue and Discussion on Utilization of Tools — Yasuyuki **ODA** (365–379)