JOURNAL OF
NATIONAL TAIPEI TEACHERS COLLEGE
Volume 17, No. 1, March 2004

CONTENTS

EDUCATION

The Analysis of Grade 1-9 Curriculum Guidelines: A World-System Institutionalism Perspective........................................ Chao-sheng Hsu ...... 1

Clarifying Tyler's Rationale on Curriculum Evaluation ................................................................. Chia-hsiung Huang ...... 27

A Case Study on Implementation of Computer and Information Education for Public Kindergarten.................. Hao-shiuang Fang...... 51

The Discrepancies Between Ideal and Reality: Interview Study of the Elementary School Teachers' Perceived Curriculum for Nine-Year Integrated Curriculum............................................... Chun-ching Ho ...... 79

The Relations Among Trichotomous Achievement Goals, Self-Efficacy, and Self-Regulation in EFL Sixth-Grade Classes in Taiwan ................................................................. Tung-hsien He ...... 111

Rethinking Microteaching: Implementation and Effects ................................................................. Yung-ho Hunag ...... 135

Teachers, Ability Grouping Instruction, Assessments, and Materials:
A Study of Primary School English Teaching of the Nine-Year Integrated Curriculum................................. Yu-ching Chan ...... 167

Effects of Web-Based Peer Assessment and the Development of Criteria on Elementary School Students' Metacognition:
An Experimental Study........................................ Fu-yun Yu & Shou-chieh Cheng ...... 197

Study on Relationships Among Critical Thinking Disposition, Preference of Teaching Approaches, and Learning Methods of Elementary School Students…………………………Chiu-ching Chen……251

Analyzing Web Accessibility of Chinese Online Learning Web Sites ..........................................................................................Wen-chih Tseng……271

The Validity of Performance Assessment on Identifying Gifted Children's Problem-Solving Ability..........................................................Chin-hsieh Lu……299

Exploring the Teaching Quality of General Education at Teachers College: An Evaluation Perspective....................................................Chih-lin Sun……329

The Role of Achievement Goals, Self-Efficacy, and Strategy Use in Test Anxiety..............................................................................Shu-shen Shih……355

The Study of Self-Appraisal Training Effectiveness of Accountants Participating in Short-Term In-Service Training ..............................................................................Fu-hsiang Chen & Su-li Lin……379

The Relationship Between the Cost of Secondary and Higher Education and the Ratio of Education Enrollment: A Model Test ..............................................................................Fang-chung Chang……409

Designing Teachers' Compensation System in the Primary and Secondary Schools: A Strategic View..............................................Fang-ju Lin……437

Research on the Related Problems for the Teachers' Union of Elementary and High School Teachers..............Tsai-feng Cheng & Hann-tyng Lin……459

Some Problems and Difficulties in the Sense-Making Process of Educational Qualitative Research: Issues on Experiencing, Analyzing and Recontextualization..............................................Min-ling Tsai……493
Kinematic Analysis About Two Different Projective Trajectory of Shooting on Basketball

Tzu-lin Wong & Chih-chien Hsieh

A Study on Landing Spots and Effect of Return in Badminton Doubles Players

Yi-hsiang Chen

The Preliminary Investigation of Three-Dimension Achievement Goal Orientation in Exercise

Yu-tzu Tsai & Ying-che Huang

Investigation of Fitness Education Model's Implementation Effects

Min-hua Chung

HUMANITIES & ARTS

A Survey on Sports Injuries in College-Aged Female Gymnasts in Taiwan

Chin-yu Chiang & Mei-li Yu

Examples of Organization of Writing in the Text of Mandarin for Elementary School: Cause and Effect, Reflection, Time Arrangement

Hsien-ping Chou

The Research of Composing Children's Songs and Rhymes

Ying-chen Hsu

The Effects of Phonological Awareness Training on Technological University Students' Phonics and Vocabulary Knowledge

Chin-cheng Huang, Shiou-jy Lin, & Brenda S. C. Su

SCIENCE & TECHNOLOGY EDUCATION

Research on the Teaching Status of Information Technology Integrated in Mathematics for Primary School Teachers

I-van Zhuang & Kaung-hsung Chen

A study on Elementary Practicing Teachers’ Professional Development on Mathematics Teaching

Te-tien Hsu & Ing-jye Chang
A Case Study on Elementary School Teacher to Be Confronted with Problems Using Communicative Mathematics Teaching

Hsin-yueh Hsu & Jing Chung

A Study of the Development and Construction of the Framework of the Science-Related Curriculum of General Education Implemented in National Taipei Teachers College

Ji-jeng Yang

A Comparison of Elementary Science Textbooks in Taiwan: The STS Perspective

Ying-ya, Liao & Chi-jui Lien

The Study of the Difference of Teaching Strategies to Affect Elementary and Middle School Students in Learning Microscope Related Curriculum

Chow-chin Lu

A Principal Component Analysis of Vegetation Characteristics in North America

Shaw-wen Sheen

A Research of the Integration of the History of Science into Science Teaching to Promote Elementary School Children’s Viewpoints of the Nature of Science

Ming-fu Chiu & Huey-lien Kao

A Study of the Application of the Digital Learning Hyperbook System to Chinese Language Class for the Elementary School

Jenyi Chao

A Needs Assessment of Technology Implementation into Instruction for Elementary Social Studies Teachers

Hsin-yih Shyu & Pei-hui Wang