

Time Table of Oral Presentations, 54th Kanto Regional Conference, Society of Japan Science Teaching (Dec. 5, 2015. Ibaraki University)

SJST

V2.2	Room A (D201)	Room B (B207)	Room C (B204)	Room D (B208)	Room E (B203)	Room F (B209)	Room G (B311)
1 9:00-9:20			The environmental study which noted a load to the environment: Through planktonic observation Tomita, T. & Okazaki, K.	An instructional design based on the cognitive model for promoting students' construction of scientific concepts Sano, N., Wada, I. & Suzuki, I.	Instructional design of science lesson to develop the students' logical growth (1) Tashiro, H., Saito, T. & Morimoto, S.	Development and implement "The hypotheses from prediction approach" to promote generating hypotheses: The case of thermodynamics in high school physics Fujiwara, K. & Ohtaka, I.	Learning (15) of the Science aiming at construction of the rich intellect Horii, T., Fujita, R., Aoki, R., Kawano, H., Okuma, M. & Igarashi, T.
2 9:20-9:40		Development of a module for understanding the mechanism and refuge action of meteorological Shiba, T. & Otsuji, H.	Determinants of environment-conscious behavior: A survey of junior high school and undergraduate students Terunuma, S. & Tsuruoka, Y.	A study on children's autonomous construction of scientific concepts through the social interaction Nakada, C., Wada, I. & Naganuma, T.	Instructional design of science lesson to develop the students' logical growth (2) Abe, T., Kajiwara, H. & Morimoto, S.	Utilization of hybrid rocket as a teaching material for science class in a public junior high school Momose, T., Zhang, T. Ishihara, A. Kamada, S., Miyake, M. & Nakahara, M.	Developing the fifth grade fruition lesson by emphasizing thinking skills Watanabe, Y. & Yamashita, S.
3 9:40-10:00		Science education in order to understand the natural disaster: Survey on scientific term related to the river and proposal of its teaching methods Nakabayashi, T.	Utilization of web search in research program: Comparison between text books and reality of use Sato, A. & Kurihara, J.	Functions of the metamodeling in the science learning: Analysis of the example in the field of high school chemistry inorganic matter Ichinose, Y., Wada, I., Hirase, K. & Morimoto, S.	Instructional design of science lesson to develop the students' logical growth (3) Kabasawa, S., Oogishi, M. & Morimoto, S.	Consideration of science educational method for paying attention to unit dimensions: To improve comprehension of pressure in science Ishii, T.	A science lesson related to the earth history: A proposal to realize the enjoyable school science Tsuuyuki, K.
4 10:00-10:20		Science learning to develop a realistic understanding: Lesson of earthquake to develop for education on disaster Kosuge, S. & Tsuruoka, Y.	Trial and observations of teaching materials with critical thinking No.2 Saito, T. & Fujii, T.	Influence of social context on children's construction of scientific concepts and regulation of learning in the elementary school Homma, R., Wada, I., Naganuma, T. & Morimoto, S.	Instructional design of science lesson to develop the students' logical growth (4) Kajiwara, H. & Morimoto, S.	Improvement (5) of the elementary school science class based on the physics education research: What would we do to learning of the physics in the Living Environment Studies? Horii, T.	Thai-Japan comparative survey on motivation to learn science of junior-high school students: Relationship between test results and self Ogura, Y. & Prachanant, B.
Break	10:20 Open						
5 10:40-11:00	10:40 Greeting address 10:50-11:35 Lesson			An instructional design for scientific reasoning Ueba, T., Wada, I., Tanaka, A. & Morimoto, S.	Instructional design of science lesson to develop the students' logical growth (5) Watanabe, S., Honda, H. & Morimoto, S.		
6 11:00-11:20	The very moment when students start to think: Grade 3 unit "The wonder of the magnet"			An instructional design of promoting students' construction of concepts in domain of physics Suzuki, H., Wada, I., Miyamura, R. & Morimoto, S.	Instructional design of science lesson to develop the students' logical growth (6) Naganuma, T. & Morioto, S.		
7 11:20-11:40	Hiroki NAGASHIMA 11:40-12:10 Discussion			An instructional model in science to improve Collaborative Knowledge Creation with ICT Takahashi, S., Wada, I., Miyamura, R. & Morimoto, S.	Instructional design of science lesson to develop the students' logical growth (7) Tokutake, Y., Tsuji, T. & Morimoto, S.		
8 11:40-12:00				A planning and practice of science experiments making a parasitic specimen in plastics (1) Suzuki, T. & Arai, N.	Instructional design of science lesson to develop the students' logical growth (8) Ogawa, Y., Nohara, H. & Morimoto, S.		
Lunch		12:10-13:20 Meetings	Poster (one hour in 12:00-14:00), Exhibition (B205)				
9 13:20-13:40	Try of the science class with which a sense of values is concerned Tsujiimoto, A. & Nakajima, M.		A handmade graph to imply the global warming: To show the urgent issue based on the local data Otsuji, H., Seki, Y. & Park, Y. S.	Study on the status of management and the astronomical education program at the public observatories in Japan Lee, E., Ogura, Y., & Oasa, Y.	Actual conditions of dynamic and mutual-related understanding about of structure and function of plant Kakuda, S. & Kato, K.	Teaching materials and method to reduce misconception about force Kashiwaguma, Y. & Yamashita,	

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10 13:40-14:00	Situation of the handling of making learning things in junior high school science in case of Chiba city Nishimura, H. & Kato, T.	Preservice elementary teachers' recognition of microorganisms: Focused on body length of microorganisms in an elementary school science textbook in Japan Morita, K., Matsumori, Y. & Sato, H.	Issues and trends in environmental education around the world Uddin, M. R. & Shimizu, K.	The astronomical telescope findings that an elementary and junior high school in Gunma for good use of astronomical telescope of the school Yamano, S., Kuribayashi, T. & Nagai, T.	The use of digital plant distribution map utilizing tablet PC Kegeyu, M. & Teramae, H.	Relation between the mass of the ball and the distance of the woodchip in the crash test Takahashi, T. & Yamashita, S.	Generation of water in the combustion should be taught in elementary school: Consideration from the university students' recognition on the combustion reaction Hayashi, H.
11 14:00-14:20	A study on the instructional strategies of fostering sense of purpose in observations and experiments Yamamoto, T. & Katahira, K.	Pre-service teachers' consideration to observe wild grass Kimura, M., Yamashita, S. & Saiki, K.	A research on improvised experiment materials for science lesson in Rwanda Ndihokubwayo, K. & Shimizu, K.	Participation of the metacognition in the understanding of the astronomy phenomenon through the model (3): The class analysis of ninth grader "space and earth" unit as an example Murata, S., Kato, K. & Honma, Y.	Practice of environmental education through improvement keeping conditions of school-owned turtles Watanabe, K. & Morimoto, M.	Study on teaching dynamics using sensor measurement system at junior high school level: Result of experiment at a public junior high school Okoshi, S. & Ogura, Y.	Developing problem-solving abilities in science education: Case of "Object and weight" Matsubara, S. & Iwama, J.
12 14:20-14:40	A study on improvement of student's relevance against science learning contents Imanarai, N. & Katahira, K.	Developing the Self-evaluation lists to supplement the subject matter knowledge among junior-high school science teachers Koshiko, T. & Ogura, Y.	Japanese super science high school program from the view of a Chinese physics teacher Li, W. & Yamashita, S.		Elementary school graders' judgement of unscientific information about insects: As an example of the animation "The adventures of Hutch the Kobayashi, K., Matsumori, Y. & Sato, H.	Practice to lead to the discovery of "Hooke's law" using a camera function of the tablet PC Suzuki, Y. & Teramae, H.	A program for medical education in chemistry class: Utilization of Aspirin as teaching materials Aoki, N., Ono, T., Masuda, H., Kurihara, J. & Hioki, H.
Break	: English						
13 15:00-15:20	Use of ICT to support "Active Learning": Class design that will be discussed from a large amount of result Kawano, H., Fujita, R., Horii, T. & Aoki, R.	Research on matured teaching methods for nourishing self-regulation in science lessons Sato, Y. & Masuda, H.	Enhancing Higher Order Thinking Skills (HOTS) of junior high school students through integrated STEM approach Utomo, A. P. & Shimizu, K.	Transformation of teacher's identity and improvement of teaching performance in science education: Based on a questionnaire survey of teachers Nakajima, M.	School of Medaka fish: Making and practice of an environmental study program through the observation and the experiment learned about the behavior of medaka fish Okazaki, K., Tomita, T. & Fukui, M.	Electrostatic collection of radioactive nuclides Onishi, K. & Kamata, M.	Study on the development of learning tools of atoms and molecules Nakayama, A., Sato, H. & Matsumori, Y.
14 15:20-15:40	Heuristic evaluation of science class using ICT that applied the Active Learning Yoshida, T. & Onose, R.	Research on the development of meta-cognition supporting problem solving skills by structuring science lessons Hoshino, Y., Masuda, H., & Handa, Y.	Developing science docents training program for expertise: The workshop of science communication by situated learning Park, Y.S.	A study on the instruction method of promoting understanding of the scope of application of science Masuda, Y. & Ohtaka, I.	Survey on keeping conditions of small animals kept at junior high schools in Kanagawa Prefecture Tamura, H., Morimoto, M. & Naekawa, H.	Radiation and contained major radioactive nuclides of radioactive mineral specimens Hino, Y., Ohigashi, H., Kiyoda, D., Nakamura, Y., Nishikawa, S. & Hirata, A.	Teaching materials to explore interactions of particles from dissolution Sagawa, N. & Yamashita, S.
15 15:40-16:00	The importance of the learning of the sound: Grade 6 "The usage of the electricity" Takagi, M.	Research on strategy for science lessons formulating hypotheses for students based on logical thinking Hongo, Y., Masuda, H., & Handa, Y.	Features of engineering design that is introduced to science education in the United States: A case study of NGSS and Oregon Science Standard Hitomi, H.	A study on the open-ended experiment in junior high school: A perspective of the gifted education in science Suzuki, T. & Ohtaka, I.	Teacher cognition in Living Environment Studies (Seikatsuka) teaching: Planning and decision making with student needs in raising animals and Hotta, N.	Preservice elementary teachers' recognition of radiation Sato, M., Sato, H. & Matsumori, Y.	Study of oxidant and reductant of solubility: Insolubility Prussian Blue Yamaguchi, S.
16 16:00-16:20	The effects of conceptual acquisition influenced by discussing and use of analogy: The elementary school unit on "The changes in the state of water" Mitsutani, M., Kakinuma, H. & S.	Analysis of post reports on trial teaching using text mining Sugiyama, M.	Features of the content on the health of "GCSE Science" in the U.K. Morikawa, D. & Fujita, T.	Way of science education that captures the science as cultural: Japan Elementary Science Education Research Association's theory and practice of Showa Period Shimizu, Y.	Awareness of life through plants in Living Environment Studies: Case of "Flowers" in first grade Iwama, J. & Matsubara, K.	Development of lessons to encourage consistent explanation from static electricity to Ohm's law by using models Sakuraba, I. & Yamashita, S.	
17 16:20-16:40	Study of student's working memory and science learning Kubota, Y.		Comparison of self consciousness in science studying in senior high school Nagao, T., Yamashita, S. & Li,	Research on the qualitative transformation of the significance to learn science for students Honma, Y. & Kato, K.		Electric education is ruined: The importance of regularly of voltage Takano, N.	