

Sriwadee Pinthong 2010: Development of an Evaluation Guidelines on Reading, Analytical Thinking and Writing in Science on World's Phenomenon and Space Technology of Prathomsuksa 6. Master of Education (Educational Research and Evaluation), Major Field: Educational Research and Evaluation, Department of Education. Thesis Advisor: Associate Professor Boonreang Kajornsinn, Ph.D. 278 pages.

The research objectives were 1) to develop an evaluation guidelines on reading, analytical thinking and writing in science on world's phenomenon and space technology of Prathomsuksa 6 2) to investigate the appropriateness of an evaluation guidelines on reading, analytical thinking and writing. Steps of research were as follow: 1) studied concept, theory and research reports of reading, analytical thinking and writing, and basic education core curriculum 2008 as a guideline for developing an evaluation guidelines on reading, analytical thinking and writing; 2) developed an evaluation guidelines on reading, analytical thinking and writing; 3) an evaluation guidelines on reading, analytical thinking and writing were try out with grade 6 students during the second semester of educational year 2009 at Watsasrijarern School, Tambon Donjedee, Donjedee District, Suphan Buri province; 4) investigated the appropriateness of an evaluation guidelines on reading, analytical thinking and writing by teacher. The research instruments composed of 4 learning lesson plans and 4 evaluation forms in science on world's phenomenon and space technology of Prathomsuksa 6; worksheet evaluation form, students behavior recording form. The appropriateness of instruments were approved by specialists and teacher. The research result indicated that 1. The evaluation guideline on reading, analytical thinking and writing in science on world's phenomenon and space technology of Prathomsuksa 6 were developed through the following step; 1) studied basic education core curriculum 2008, evaluation guidelines on reading, analytical thinking and writing of basic education core curriculum 2008 and subject content; 2) constructed table for analytical learning lesson plans; 3) constructed learning lesson plans; 4) constructed worksheets; 5) constructed evaluation forms on reading, analytical thinking and writing; 6) compared scores from evaluation form with reading, analytical thinking and writing criterion of basic education core curriculum 2008 which were excellent, good, pass and no pass. 2. The evaluation guidelines on reading, analytical thinking and writing were clear, appropriated, extensive and concordant with worksheets and definition.

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Thesis Advisor's signature