

Quality Improvement of Primary Science Education ("Teaching and Learning" at on-site education) 小学校理科教育の質的向上(「教えと学び」の現場教育)		Continuing	
		14 participants	
Target Countries :Countries introducing child-centered and problem solving approach education			
Course No. :J1704090		No. :1784275	
Sector :Education/Primary Education			
Sub-Sector :			
Language :English			
Outline			
This training program gives opportunity to make lesson plans applying child-centered and problem solving approach as well as to develop simple science experiment using accessible materials. This training program also aims to improve teaching ability on elementary school science by site visit in the field of education, and by practice of demonstrating model class.			
Objective/Outcome		Target Organization / Group	
【Objective】 Method of teaching science with lesson plan applying child-centered and problem solving approach and simple experiment is shared in the target organization.		【Target Organization】 Training institution for science teacher in elementary school	
【Outcome】 1. To understand current science education in Japanese elementary school and consider how to apply Japanese method to their own countries 2. To experience and understand wide variety of experiments, observation and handcraft for elementary school science and apply to their own classes 3. To be able to make a lesson plan which is appropriate for students' learning stage and includes basic elements such as objective, process and class evaluation		【Target Group】 1. Have knowledge on curriculum development, teaching methodology and national policy on primary science education 2. Have more than 5 years' experience as a teacher instructor 3. Be involved in simple science experiment development and dissemination	
Contents			
【Preliminary Phase】 Submission of report on the current state and the issues regarding science education		Course Period	2017/10/22~2017/12/16
【Core Phase】 1. (1)Introduction of education system in Japan and Child-Centered approach, (2)Site visit to schools and various museums, (3)Observation of training of teacher 2. Introduction and development of simple science experiment on physics, chemistry, biology and geology by using accessible materials 3. (1)Making lesson plans, (2)Demonstrating model class.		Department in Charge	Human Development Department
【Finalization Phase】 1. Sharing of the knowledge and skills acquired in Japan (including lesson plan and simple science experiments) 2. Submission of report on participant' s activity in home country		JICA Center	JICA Hokkaido (Obihiro)
		Cooperation Period	2015~2017
Implementing Partner	Under Planning		
Remarks and Website			