

Target Countries :

Course No. : 201984275-J002

No. : 201984275

Sector : Education/Primary Education

Sub-Sector :

Language : English

Outline

This 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 in developing countries. This program also aims to improve teaching ability on elementary school science by site visit in the field of education, and by practice of demonstrating lectures.

Objective/Outcome	Target Organization / Group	
<p>【Objective】 Science teaching method including making a lesson plan and introducing simple experiments will be shared by the participants within the organization they belong.</p> <p>【Outcome】 1. To understand current science education in Japan and consider how to apply Japanese method to their own countries. 2. To experience and understand wide variety of science experiments/observation/handicraft related to primary education and apply to their own classes. 3. To be able to make teaching plan which is appropriate for pupil's learning stage and includes basic elements such as objective, process and class evaluation.</p>	<p>【Target Organization】 Teacher training institutions</p>	<p>【Target Group】 1) Have practical teaching experience to pupils as a science teacher in school, and understand the current situation of the educational site. 2) Have knowledge on curriculum development, teaching methodology and national policy in the field of primary science education. 3) Have practical teaching experience as a teacher instructor. 4) Be involved in simple experiment development and dissemination on primary science education. etc.</p>
<p>Contents</p> <p>[Preliminary Phase] Submission of report on the current state and the issues regarding science education, and images of lessons.</p> <p>[Core Phase] 1. Introduction and development of simple science experiment on physics, chemistry, biology and geology by using accessible materials. 2. To understand the present situation of science education at site in Japan by observation of educational institutions and training for teachers. 3. To understand education system in Japan and Child-Centered approach. 4. Making lesson plans including simple science experiments and demonstration of mock lessons in groups at schools in Japan. 5. To understand primary science education in Japan and the comparison of the situation with that of participants' countries are implemented. 6. The lesson plans and lessons created in course will be evaluated and discussed among participants to be improved.</p> <p>[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.</p>	<p>Course Period</p>	<p>2019/10～2019/12</p>
	<p>Department in Charge</p>	<p>Human Development Department</p>
	<p>JICA Center</p>	<p>JICA Hokkaido (Obihiro)</p>
	<p>Cooperation Period</p>	<p>2018～2020</p>

<p>Implementing Partner</p>	<p>Tokachi International Association</p>
<p>Remarks and Website</p>	