

[DOI: 10.20472/IAC.2015.020.076](https://doi.org/10.20472/IAC.2015.020.076)

## **TRAIRAT PIPATPOKKAPOLE**

**Srinakharinwirot University, Prasanpimt Demonstration School (Elementary), Thailand**

## **SUKUNYA ROIPILA**

**Srinakharinwirot University, Prasanpimt Demonstration School (Elementary), Thailand**

# **THE READINESS FOR IMPLEMENTING STEM EDUCATION THROUGH THE BASIC SCHOOLS**

### **Abstract:**

This research aims to study the opinions of administrators, teachers and parents. About the availability of education in the STEM and proposed to guidelines for management STEM education. Research methodology by studying the documents and interviews with experts and questionnaires. In the following issues: The environment in teaching ,the preparedness planning, school administration, teacher, and educational resources. The samples in this study were teachers, administrators, parents in primary schools. And secondary education in a multi-stage random 370. And interviewed responsible for the Promotion of Teaching Science in Thailand. The results showed that the availability of STEM education and basic education in the country at a high level. But there is a limit on the policy of national education in the STEM activities used in teaching. In STEM teaching should start from kindergarten levels . And the development of teachers to understand the procedure. And development is Teachers should encourage innovative thinking by teaching school context . And units involved are The institute for the Promotion of Teaching Science and Technology is responsible for the creation and development of innovative teaching .

### **Keywords:**

STEM education, Basic school in Thailand, STEM teaching