

## **Project Requirement**

Students will submit a research report. In their report, they will display their ability to use information and knowledge effectively in order to form research question (based on instruments of their choices), collecting data, coding data, entering data, organizing sets of data, analyzing data and interpreting data. It is also an evident of their ability to communicate effectively in writing to correlate research questions with statistical procedures.

## **Additional instruction**

Create 40 respondents (Primary School Teacher)

## **Dateline**

20<sup>th</sup> December 2017

9.00 am (Malaysia time)

## **Words**

Based on report analysis.

**Title: Teachers' Perception of Science, Technology, Engineering, Arts, and Mathematics (STEAM) Education.**

## **Research Objective**

To perceive teachers' awareness towards STEAM Education.

To examine teachers' readiness towards STEAM Education.

To assimilate teachers' acceptance towards STEAM Education.

## **Research Question**

What is teachers' awareness towards STEAM Education?

What is teachers' readiness towards STEAM Education?

What is the level of teachers' acceptance towards STEAM Education?

# Teachers' Perception of Science, Technology, Engineering, Arts, and Mathematics (STEAM) Education.

## SECTION A : Demographic

1. What is your gender?

☐

Male

☐

Female

2. Subject option?

☐

Malay

☐

English

☐

Technology ( Science, Mathematics, TMK )

☐

Engineering ( RBT )

☐

Science Social ( Visual Art Education, Music Education, Physical Education )

☐

Others

3. Have you ever heard about STEAM Education?

☐

YES

☐

NO

**SECTION B : Teachers awareness towards STEAM Education.**

For each statements, please indicate your answers and read each statement carefully before you tick your answer.

		YES	NO
1.	Have you read about STEAM Education?		
2.	Do you understand the STEAM Education?		
3.	Have you given a briefing about STEAM Education?		
4.	Do you understand the STEAM Education objective and goals?		
5.	Do you understand the learning outcome of STEAM Education?		

**SECTION C : Teachers readiness STEAM Education.**

For each statements, please indicate your answers and using the following scale. Please read each statement carefully and tick answer.

		Strongly Agree	Agree	Disagree	Strongly Disagree
1.	I will influence STEAM Education in my teaching.				
2.	I can enhance my knowledge by using STEAM.				
3.	I can enhance my teaching pedagogy using STEAM Education.				
4.	I consider the modules of STEAM Education as conceptualized and will develop my interest in teaching.				
5.	I believe that integrating technology into teaching was effectively illustrate during STEAM Education.				

**SECTION D : Teachers acceptance STEAM Education acceptance.**

For each statements, please indicate your answers and using the following scale. Please read each statement carefully and tick answer.

		Strongly Agree	Agree	Disagree	Strongly Disagree
1.	I will adapt my teaching to incorporate some of the techniques learnt in the STEAM Education.				
2.	I am motivate to keep abreast of new technologies that I will use continually to enhance my teaching.				
3.	Teachers' would be enjoy using STEAM Education.				
4.	Teachers' would be easy teaching use STEAM Education.				
5.	I believe using STEAM Education increase the confidence to teach other subject.				