

10th APEC-Tsukuba International Conference

Innovation of Mathematics Education Through Lesson Study.

Challenges on Energy Efficiency on STEM and Cross-border Education.

February 11–15, 2016

University of Tsukuba, Tokyo, Japan

STEM and Cross-Border Education
ACTION PLAN
for Papua New Guinea

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MAP OF Papua New Guinea



STEM and Cross-Border Education

ACTION PLAN

Our first task is to do policy submission to DoE and seek Board of Studies Approval.

- A Policy submission will be drafted for TOP Management Team (TMT) of Department of Education & (DoE) & Department of Higher Education, Research, Science, & Technology, (DHERST). *Feb/March, 2016*
- Seek approval from Curriculum Board of Studies, (BOS). *March 2016*

STEM and Cross-Border Education
ACTION PLAN

Capture in the Curriculum Reform

- *Captured STEM Contents and concepts
Standard-Based Curriculum
- Primary & Secondary School Level*

Throughout 2016

STEM and Cross-Border Education

ACTION PLAN

Curriculum Framework to capture STEM

- *Content on STEM*
- *Identify the Key Learning Area for STEM,*
- *Identify the Knowledge, Skills, Attitudes + Values*
- *Identify the Content Standards*

Throughout 2016

Curriculum Framework to capture STEM Content on STEM

Key Learning Area	Elementary	Lower Primary	Upper Primary	Lower Scondary	Upper Secondary
Mathematics	Mathematics	Mathematics	Mathematics	Mathematics	Mathematics Maths A & B Life Maths
Science & Technology	Science	Science	Science	Science Environmental studies Applied Science	Science Biology Chemistry Physics
Engineering			To be captured at the Tertiary Institutions & TVET Education		

STEM and Cross-Border Education

ACTION PLAN

Create **Awareness** and **Discussions** within & across;

- Schools, districts, provinces & regions
 - Teacher Training Institution
 - TVET Institutions
 - Other open & Flexible Learning institutions
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- *Throughout 2016*

STEM and Cross-Border Education

ACTION PLAN

At APEC Economy level,

We have started communications with the Malaysia through Mr. Pedro Montecillo Jr and will maintain that link.

Others willing to assist & share ideas can Contact:

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Throughout 2016 onwards

EM TASOL...TANKIU BADA HEREA