



How We Work for APEC-SOM

APEC InMside Project

Project Overseers, APEC InMside Project (2019-)
Inclusive Mathematics for Sustainability in a Digital Economy (InMside)

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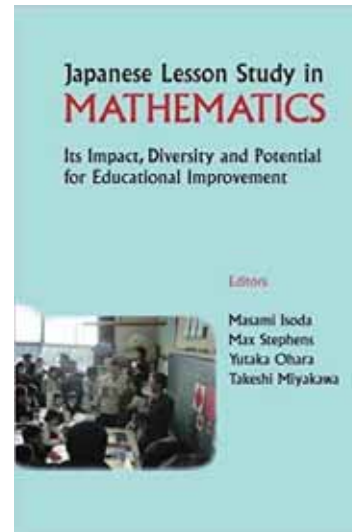
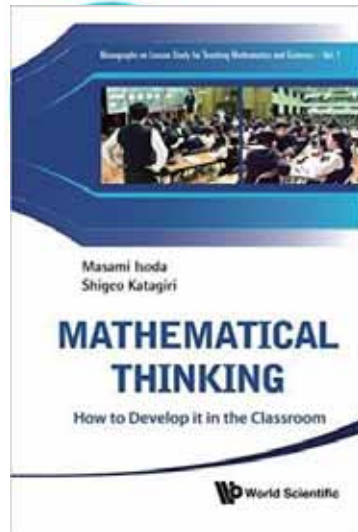
Maitree Inprasitha

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Project Overseer, APEC Lesson Study Project (2006-2018)





Working with Chile: Since 2006

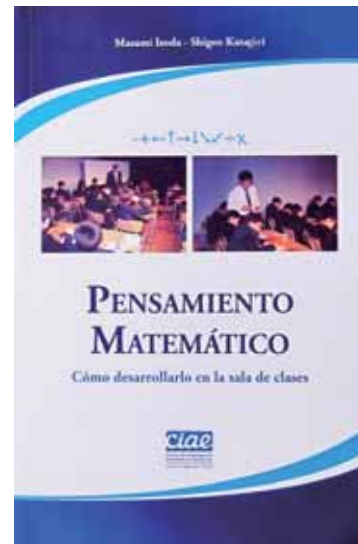


United Nations

Russia

TEXTBOOKS FOR
SUSTAINABLE DEVELOPMENT

A GUIDE TO EMBEDDING



Spanish, Chile



New South Wales
Australia





The Role of Host

Presentation from Host

The Chair from Host



Lead
The Meeting



Collaboration with Other
Economies and Show the
Contribution of Host
from Others





At APEC Host Economy: Workshop for STEAM Education Feb 26-27, 2018 in Papua New Guinea



Share the Excellent Practices produced from
APEC Lesson Study Projects in every economies





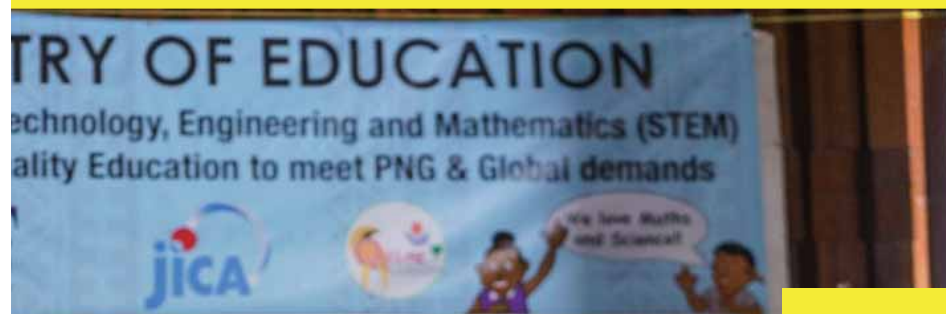
Enhancement of Quality Education to m



Exemplar
in PNG

Mrs. Kona,
First Assistant
Secretary

Workshop for Economy



Share the Excellent Exemplar for Innovation
from Papua New Guinea





Peru, 2016
One Exhibition for SOM
Three Workshops for Economy





How temperature of classroom will
change if we jump in the classroom

Exhibition

The Contribution of CIAE, University of Chile

T ₁	T ₂	T ₁	T ₂
15°C	13	15	14
16	14	16	14
16	14,1		
17	14,5		
17	15		
17	15		
18	15,2		
18	15,2		
18	15,3		
18	15,3		
18	15,3		

LIVE LESSON STUDY
for Energy Efficiency
between USA and Chile

11:00 – 12:20, October 4
Sala SAN BORJA 2, 1st Floor

A Part of
APEC Lesson Study Projects Exhibition

APEC Lesson Study Network for 21 economies

Coordinated by (2013): University of Tokyo, Japan and (2014): East Asia University, Taiwan

Lesson Study Demonstration
The side event for 6th APEC Education Ministerial Meeting
supported by

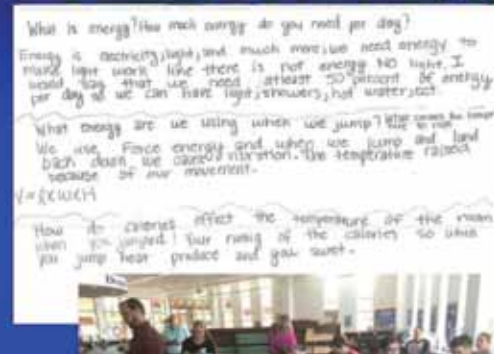
17:00-20:30
October 5
at
Pontificia Universidad Católica del Perú (PUCP)



Chile and USA



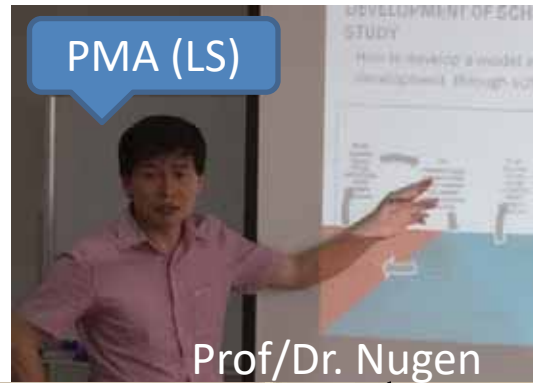
Cross-Border Public Classes Texas





Vietnam, 2017

Two Workshops for STEM and LS (PMA)



Dr. TA,
Vice Director of
Elementary
School Bureau,
MOE, Vietnam



Mr. LUU,
Supervisor, The City
Hanoi Department of
Education for STEM
education,





APEC InMside Project

Inclusive Mathematics for Sustainability in a Digital Economy (InMside)

Steering Meeting in Tokyo, Feb. 7-9

APEC Seminar on Computational Thinking Curriculum for the Digital Economy

May, (3 days), 2019 in SOM2 at Santiago, Chile

Lead the Educational Reform for Industrial Revolution 4 and Digital Economy in relation to Programing and Big Data

InMside-project Seminar (Training) at SOM2 in Chile (May):

Training curriculum specialists from all economies to learn the direction of the newest mathematics, statistics and informatics curriculum reforms, STEAM education for digital economies, appropriate technology and gender equity. It includes the reports from economies about current status, and plan the recommendations for experimental challenges to produce model-tasks (unit level tasks) on the shared issues.

Invite 21 x 2 curriculum specialists for Informatics and Statistics

- 11 (eligible economies) x 2 and 6 speakers by APEC funds
- 10 (non-eligible economies) x 2 and Venue by Host/self funds

Finalize the proposal for Reform With Exemplar

Synthesis Meeting in Khon Kaen, Sep.

Prepare Discussion Documents and Assignments



Annex 1

Project Meetings for Working Together



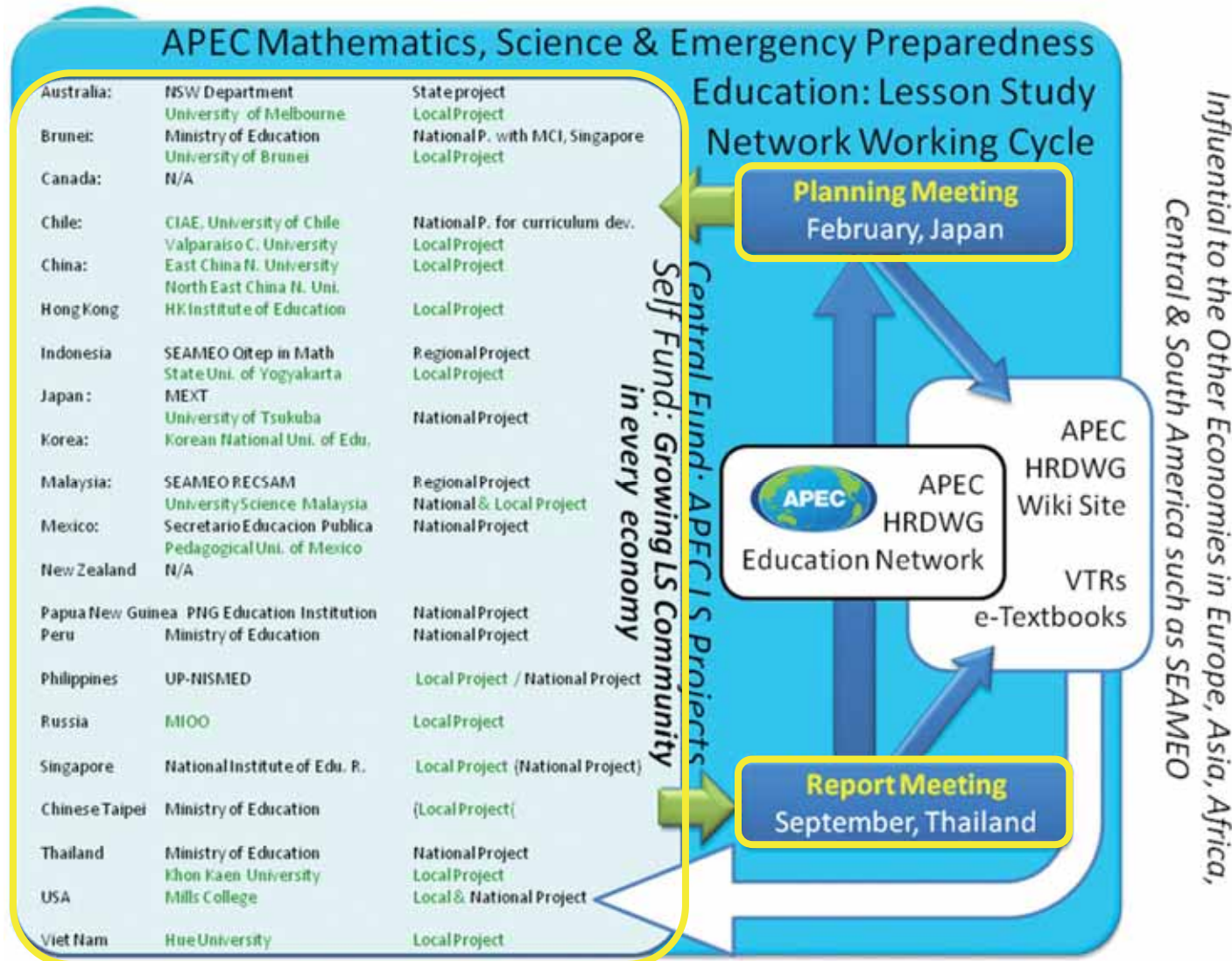
Challenges of Lesson Study in Every Economy

Chile





Annex 2. Established Network for Working Together



20 economies:

- 11 Government Organizations
- 16 Major Teacher Education Institutes

All efforts for Lesson Study can be seen on the website

Thank you very much for all of support from Chile





Annex 3: What is lesson study?

- 1) Plan, Do, Discussion-Reflection (Check and Act) cycle for improvement
- 2) Theorization of PCK as for the theory for math-education
- 3) Reproductive science for better practice

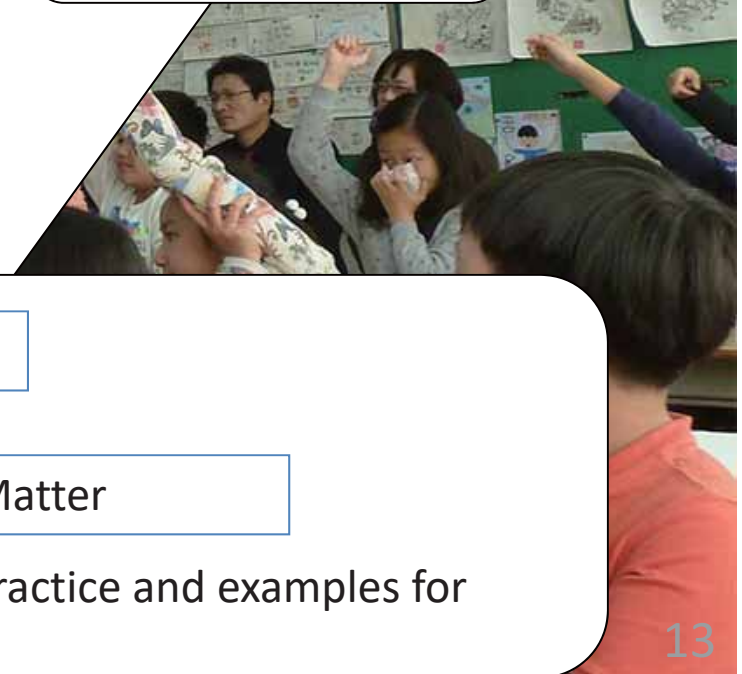


Established T
⇔ Practical T.



Participating
Teachers

Lesson Study (Theme)



Teacher

Children

Subject Matter

Various phenomena as for the better practice and examples for designing practical theory



Annex 4: Regional and National Leading institutions has been producing excellent practice and contents

RC-PM-138-2 MAKING REAL LIFE CONNECTIONS AND DEVELOPING MATHEMATICAL IDEAS IN PRIMARY CLASSROOMS
(5-30 May 2014)

