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in Mathematics



Asia-Pacific
Economic Cooperation



筑波大学
University of Tsukuba

Lesson Study through Cross-border Education: Indonesia - SEAMEO member countries and beyond

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Challenges to Energy Efficiency on STEM and Cross-border Education
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Proposed Topic

- Energy used at home and community (PS and JHS)
- Routing – Traffic Engineering for energy efficiency (JSH and SHS)



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Goal of LS

- Promoting Creative and Analytical thinking skills (HOTs)

Topic 1: Energy used at home and community (PS and JHS)





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- Task:
 - Students gather information on electrify appliance used at their home (or in at school)
 - Find how much was spend for the electricity bill
 - Ask students in a group to create proposal on ways to reduce the spending on electricity



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Network for CB LS

- SEAMEO 50x3 school network
- Scheduled Real-time online conference
- SEAMEO QIM, QIS, SEAMOLEC, RECSAM



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Anticipate products

- A report
- Poster/Video
- Campaign
- Article writing
- Compilation on best practices - every 6 months



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Lesson Study for Cross Border: Possibility for Indonesia

- Cross border within – across provinces
- Cross border with neighboring countries such as Malaysia, Thailand, Brunei, Phillipine



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Thank You