



ASEF Classroom Network (ClassNet) ASEF ClassNet Project for 2015

Project Factsheet

NAME AND CONTACT DETAILS OF PROJECT CO-ORDINATOR(S)

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COUNTRY:

Indonesia

PROPOSED PROJECT NAME:

East and West Collaborative Inventors

PROJECT DESCRIPTION / SUMMARY

“East and West Collaborative Inventors” project aims at enhancing the understanding, knowledge and networks among the students from the Asia and Europe in collaborative works on school inventions. Everyone knows that schools around the world are the places for the students to learn something new and the witnesses of the students’ progress in many subject areas. The thoughts, works, efforts and inventions are made in schools. They are the evidences of the starting points in technology leaps begin in school. It is time for the Asian and European students to share their inventions in this project.

Students from both Asia and Europe are expected to share a problem faced in their school to solve with a light technology invention. Every group have to describe in words as well as share the photos or videos. Another group from another continent will help to solve the problems on the light

technology invention from the design and the making of the tools. For example, a school has problem with bicycle parking. They need a tool which is easy to make and brought everywhere. A matched group from other continent will help to solve the problem.

During the project the students work through internet. The project uses facebook group at the introductory stage. During the project, students use email and whatsapp to communicate, share photos and videos. A blog is used to showcase the products online.

An evaluation will be carried out in the end of the project. The evaluation covers the experience, ideas and thoughts in working collaboratively in solving the problems.

OBJECTIVES AND EXPECTED OUTCOME OF THE PROJECT:

The objectives of the project are to:

- share their inventions with schools in Asia and Europe
- enhance the understanding, knowledge and networks among the students from the Asia and Europe in collaborative works on school invention

Expected Outcome

Tangible

- Creation/Invention of new tools to tackle the problem faced by the students from the other region
- Showcase of the inventions made by the students (online)

Intangible

- Better cultural understanding among the students in Asia and Europe
- Improvement of ICT and communications skills
- Foster collaboration and forge new friendships among the students.

TIMELINE AND PHASES OF THE PROJECT

All members from the two continents will intensely communicate through Facebook, email, and whatsapp. They are to start the collaborative works with personal introduction in order to avoid the culture shock during the project. Then, after having better understandings, the members will be able to work together for over a long term. The communication will be carried out in English.

This project will showcase the invention made by the students in their schools. The invention deals with the students' and their environments' needs in the form of light technology. They can be something like simple laptop holder which can be used for other purposes or etc. The students will work collaboratively through a set of phases, from phase 1 to 4.

Phase 1 (January – February 2015)

- Set-up Facebook group and invite members to the group
- Self-introduction by all participating members
- Match the Group works between Asian and European Schools

Phase 2 (March – April 2015)

- Group discussions and problem solving
- Trying out the products in real practice

Phase 3 (May – June 2015)

- Fine-tuning work for all the inventions
- Final product information to be uploaded online
- Exchange of information between Asia and European students on the each of the respective inventions. For example, Q&A.

Phase 4 (July 2015)

- Showcase/exhibition of physical product in the participating schools in a blog
- Feedback and evaluation by the group members

EXPECTED CONTRIBUTION FROM ASIAN SCHOOLS/STUDENTS:

The teachers and the students are expected to:

- Make a Facebook account and attend a group
- Invite other members to join the group
- Actively communicate in the Facebook group by introducing themselves and their schools,
- Share a problem faced in school by every group to solve in light technology
- Work in group to solve problem faced by the matched group
- Communicate through emails or whatsapp
- Write a description, steps in making the invention completed with photos or videos.

EXPECTED CONTRIBUTION FROM EUROPEAN SCHOOLS/STUDENTS:

Same as above.

THE PROJECT FALLS UNDER THE MAIN THEME FOR:

Please tick (✓) only **ONE** main theme

Culture

Governance

Economy

Public Health

Education

Sustainable Development

Others. Please specify below:

MINIMUM NUMBER OF SCHOOLS/STUDENTS INVOLVED:

No. of Schools / Students : 8 – 10 schools from both continents / 5 – 10 students per school
Students Age Group : 14 - 17
Level of English : Intermediate

PROPOSED DURATION OF PROJECT (PLEASE STATE TENTATIVE START AND END DATE):

Duration : 7 months
Start Date : 2 January 2015
End Date : 31 July 2015

ICT TOOLS / SOFTWARE REQUIRED:

- Blogs/ web
- Facebook
- Email
- 3D design Apps
- Photoshop
- Video maker

ADDITIONAL RESOURCES NEEDED:

- Digital Camera
- Video Camera
- Laptop

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