

# ASIA-EUROPE CLASSROOM NETWORK (AEC-NET) PROJECTS FOR 2011/2012



## PROJECT FACTSHEET

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

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### COUNTRY:

China

### PROPOSED PROJECT NAME:

Physics In Daily Life

### PROJECT DESCRIPTION / SUMMARY

The project aims to encourage students to observe physics-related phenomena and events in daily life and explain these by the principles of physics. For example, why won't a spinning top fall down and why can a kite fly to the sky? In this project, students can pay attention to social life and use the knowledge of physics more effectively in daily life. Meanwhile, we'll construct a website on which students from different countries can discuss the unknown phenomena. The project will help students to understand the life style of the East and West people from the physical phenomena and promote the understanding and exchange.

**RATIONALE FOR THE PROJECT:**

Physics is closely related to human life. Students in Asia and Europe can explain everyday physics-related phenomena by the physical knowledge. Through the application of the physical knowledge, students can understand and master the principles of physics better and improve some of the existing lifestyles to make them more reasonable and scientific.

**EXPECTED CONTRIBUTION FROM ASIAN SCHOOLS/STUDENTS:**

Students participating in the project may introduce a full range of applications of the physical knowledge in daily life. The project ranges from everyday life, work, study to entertainment. Of course, students will be able to exchange all information through pictures, videos or blogs on the website. Classifying the information communicated to each other, we can know the topics that students are keen on, the differences of the ways of thinking and lifestyles between East-West people.

**EXPECTED CONTRIBUTION FROM EUROPEAN SCHOOLS/STUDENTS:**

Same as above

**MINIMUM NUMBER OF SCHOOLS/STUDENTS INVOLVED:**

No. of Schools / Students : 4 schools/100 students  
Students Age Group : 14-17  
Level of English : Basic

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

Duration : 6 months  
Start Date : 1 January 2012  
End Date : 29 June 2012

**ICT TOOLS / SOFTWARE REQUIRED:**

- Word processing tools
- Video cameras
- Internet access

**ADDITIONAL RESOURCES NEEDED:**

N.A.