School Activities to Develop 21st Century Skills

Experiences from Indonesia
by Barlin Hady Kesuma
• **Core 21st century skills:**
  - The ability to use knowledge of math, English, science, civics etc. to meet real-world challenges.
  - Critical thinking and problem solving, communications and collaboration, creativity, self-sufficiency etc.

• **Schools:**
  - Improve School Policy & Plans to embrace the new skills
  - Develop new direction of curriculum
  - Employ new, relevant teaching strategies
  - Form school regional, national and International partnerships
• Success stories on how Schools Online activities managed to help schools develop 21st century skills for their students
  – how 10 schools in East Borneo found partnership abroad: Schools Online website.
  – how the partnership affects the teaching
  – how the partnership affects the teachers & students
School Online Kurangi Studi Banding

Hanya 10 SMP yang Terapkan di Kaltim

BALIKPAPAN, TRIBUN-
Sistem school online dapat mengurangi biaya studi banding yang kerap dilakukan sekolah atau dinas pendidikan untuk belajar dari kemajuan pendidikan di luar daerah.

“Model ini jelas mengurangi studi banding. Studi banding boleh saja, tapi hanya sekali-sekali,” ujar Dr Asli Nuryadin Kepala Bidang Pembinaan SMP dan SMA Dinas Pendidikan Provinsi Kaltim usai membuka pelatihan School Online Connecting Classroom Online di SMP KPS Balikpapan, Kamis (12/1).

Nuryadin mengatakan terobosan pembelajaran dengan menggunakan jaringan portal itu merupakan program kerjasama Pemprov Kaltim dengan British Council (BC) sejak 2008. Dengan jaringan ke berbagai sekolah di dunia, Sekolah Menengah Pertama (SMP) di Indonesia dapat berbagi ilmu dan pengetahuan tentang penyelenggaraan pendidikan.

Di Kaltim hanya ada 10 sekolah dari lima kabupaten/kota yang masuk dalam jaringan portal school online. British Council School Ambassador Kaltim, Mushadi Iksan Med, mengatakan konsensus dasar school online adalah memfasilitasi terbentuknya kerjasama antara sekolah dengan negara lain yang masuk dalam jaringan school online.

Sementara, Linda Djayusman sebagai Project Officer Learning & Creativity mengatakan portal school online dapat diakses ribuan SMP dari puluhan negara di dunia. Schoolonline hanya untuk kategori SMP karena sistem pendidikan SMP diseluruh dunia kurang lebhsama. Linda mengatakan, tingkat kemajuan school online di 10 SMP di Kaltim relatif merata. la menambahkan, pelatihan yang digelar di KPS diikuti perwakilan guru dari 10 sekolah dengan tujuan memperkenalkan portal baru. Selain itu, BC juga melakukan peningkatan kepasitas sumber daya manusia. Hadir BC Regional Asia Pacific Thailand Kritsada Tukiljawong sebagai fasilitator pelatihan. (asi)
1. Army Public School and College, Jhelum – Pakistan
2. Army Public (Toddlers Academy) – Pakistan
3. More House School, London - United Kingdom
4. Meerut Public Girl School, Shastri Nagar Meerut – India
5. Dheli Public School, New Town - India.
6. Bai Virbaiji Soparivala Parsi High school, - Pakistan
7. SMK Dato' Onn- Malaysia
8. Jumana Ben Abe Taleb Secondary School – Libanon
9. Dinesh Saraswat JNC School, Chandigath, Bangladesh
10. Abdul Latif School - Bangladesh
11. Eondong Middle School, Yong In, South Korea.
12. School No 4, Lisky Voronezh District, Russia
13. Baskakovo secondary school, Gagarin District, Rusia
Here are some successful projects:

Sea Harvest Project
Games We Play

Indonesia-Russia-Pakistan
Marine Science Project

Berkaitan dengan Observasi Biota Laut

PEDULI: Siswa-siswi dari SMPN 1 Tarakan yang juga mulai sanak kegiatan the International marine science project hasil kerjasama dengan Fowey Community College. Siswa-siswi SMPN 1 mengambil lokasi kegiatan di Pulau Kikai.

BERSAMA: Siswa-siswi dari Fowey Community College United Kingdom, salah satu sekolah di Inggris mendapatkan kesanakaan kegiatan the international marine science project.

Indonesia-UK
A Collaboration between Indonesian – Pakistani Schools
1. Which is the longest and most famous river in your country?

Answer:

There are plenty longer and famous rivers in Indonesia. They are, for example, Musi River, Brantas River, Solo River, and Kapuas River.

- Musi River
  - The Musi River is located in South Sumatra Province. It is about 760 km long. This river is the longest river in Sumatra and runs into the city of Palembang into the Java Bridge. The river is used as the water source for the city of Palembang.

- Brantas River
  - The Brantas River is one of the longest rivers in East Java, with a catchment area of approximately 77,100 km². The river is around 700 km long, and it originates in Mt. Bromo. The river flows east to west, flowing through the city of Probolinggo and Banyuwangi.

- Solo River
  - The Solo River, also known as the Brantas River, is one of the longest rivers in Central Java, Indonesia. It is a significant river with a catchment area of approximately 1,690 km². The Solo River is also a source of fresh water and is an important source of water for drinking and irrigation purposes.

- Kapuas River
  - The Kapuas River is one of the longest rivers in Central Java, Indonesia. It is about 760 km long and is located in the provinces of Central Java and Yogyakarta.

2. What is the name of the longest and most famous river in your country?

Name of Student: Sharaal Bin Khail

3. What is the name of the longest and most famous river in your country?

Name of Student: Aiman Malik

4. What is the name of the longest and most famous river in your country?

Name of Student: Mahnoor

5. What is the name of the longest and most famous river in your country?

Name of Student: Dunia Ganesan

6. What is the name of the longest and most famous river in your country?

Name of Student: Ashfaar Shazila

7. What is the name of the longest and most famous river in your country?

Name of Student: Itnabah Will

8. What is the name of the longest and most famous river in your country?

Name of Student: Muhammad Sarm

9. What is the name of the longest and most famous river in your country?

Name of Student: Mahabir Sarm

10. What is the name of the longest and most famous river in your country?

Name of Student: Amna Sarm
Project outputs
Benefits of collaboration

- Belonging to a supportive community
- Developing new understandings
- Learning for all (students, teachers, others)
Cross Cultural Learning

Projects allow students to:

- Explore cultural similarities and diversities between the two countries
- Develop & deepen understanding of different cultures, traditions & practices in different backgrounds
- Grow in confidence in communicating across cultures
Impact on Students – 21st century skills

Multiple skills development

- Creative and critical thinking skills
- Communication skills
- Collaborative learning skills
- Self-directed inquiry & life-long learning skills

Enhances the learning experiences of students
107 out of 120 partnership or 90% students fully agree with a statement:

“I think our government should do more to establish better partnerships/relationship with other countries”.

112 out of 120 participants or 93% students fully agree with a statement:

“It's very important if Indonesian schools can have partnership with schools from another countries”.
Voices of Students who get involved:

17% students claimed that they know Malaysian cultures – food, dances, traditional clothes and costumes, traditions, festival, music, flags etc.

10% students claimed that they know Korea cultures, dan 9% students claimed that they know UK/British cultures.

18% students claimed that they know earthquake disasters and nuclear problems in Japan.
Voices of Teachers who get involved:

65% of surveyed teachers said that involving students (in Connecting Classroom projects) have improved their ability to communicate in English.

100% teachers claimed they have confidence to use ICT as supporting tools for their daily teaching.

45% teachers told us that in making their RPP (lesson plan), they often involved some issues which were related to various cultural topics in society.
1. To support programme effectiveness, all teachers involved need to get ICT training.
2. Schools Online Program can maximise the use of knowledge, teaching methods, ICT, communication skills in more effective way.
3. Schools Online Program can support the teachers to improve their professionalism.
4. All school stakeholders should get involve in all Schools Online activities.
5. It needs regular meetings/ training among participative schools in the area organised by local education office.

Suggestions:

Voices of Teachers:
Kaltara's New Schools Online
Thank you