



ASEF Classroom Network #ASEFClassNet Online Collaboration 2018

Proposal

1. Title of the Online Collaboration (Max. 6 words)

Plastic Planet

2. Name and contact details of project co-ordinator(s)

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3. School description (Max. 30 words)

St. Mark's Girls Senior Secondary School is a school exclusively for girls focusing on the academics, co-curricular and extracurricular activities for the overall development of a child. Special care is taken to instill self-discipline in their receptive minds. The school has a strength of around 2500 students in the age group of 3 to 17 years.

Singapore Polytechnic is a technical school with 45 full-time diploma courses and offers students a holistic, authentic and industry-relevant curriculum, innovative and vibrant learning spaces, and enriching overseas programmes. The students are in the age group of 16 to 19 years.

4. Summary of the Proposed Online Collaboration (Max. 200 words)

Plastic has become an unavoidable material in our day to day life. Recent studies and documentaries have exposed that minute biologically non-biodegradable plastic fibres are everywhere, even in the rivers and oceans causing insuperable pollution. Plastic has advantages and more than that, it has grave environmental impacts. Ensuring sustainable consumption and production patterns to avoid environment degradation through waste generation is one of the seventeen goals of the United Nations' 2030 agenda for sustainable development. Therefore, it is imperative to overcome the excessive usage of plastic and reduce its lethal consequences. Turning the situation around needs tremendous courage, cooperation and effective initiatives by global citizens. This project aims to create awareness among students to understand the hazardous nature of plastic products and their harmful effects on the human body. Using digital media and other online platforms, participants are encouraged to investigate measures that can reduce and control plastic pollution. The project also emphasises on increased recycling capacity, strategies to minimise littering and considers the challenges of plastic waste management.

5. The Online Collaboration falls under the main themes of:

Please state "1" to "3" in level of relevance

<input checked="" type="checkbox"/> 3	Arts & Culture	<input type="checkbox"/>	Health
<input type="checkbox"/>	Business & Entrepreneurship	<input type="checkbox"/>	History
<input checked="" type="checkbox"/> 2	Education	<input type="checkbox"/>	Media
<input checked="" type="checkbox"/> 1	Environment & Sustainable Development	<input type="checkbox"/>	Science & Technology
<input type="checkbox"/>	Others. Please specify below:		

6. Duration of the Online Collaboration (Please state start and end date):

Start Date	:	15 April 2018
End Date	:	15 October 2018
Duration	:	6 months

7. Expected no. of schools/students involved and level of language and ICT skills

No. of Schools in total	:	10
No. of Students in total	:	Flexible
Students Age Group	:	13-18
Level of English	:	Intermediate
Level of ICT Skills	:	Intermediate

8. ICT tools/software required

Please tick (✓) as appropriate)

<u>Word processing software</u>	<u>Video conference tools</u>	<u>Storage tools</u>
<input type="checkbox"/> Adobe Acrobat Reader	<input checked="" type="checkbox"/> Skype	<input checked="" type="checkbox"/> Dropbox
<input checked="" type="checkbox"/> Google Docs/Sheets	<input type="checkbox"/> Viber	<input checked="" type="checkbox"/> Google Drive
<input checked="" type="checkbox"/> Microsoft Word/Excel	<input type="checkbox"/> Vyew	<input type="checkbox"/> iCloud
<input type="checkbox"/> Scribd	<input type="checkbox"/> Wechat	
<input checked="" type="checkbox"/> Wordpress		

<p><u>Social media</u></p> <p><input type="checkbox"/> Ask.fm</p> <p><input checked="" type="checkbox"/> Facebook</p> <p><input type="checkbox"/> Flickr</p> <p><input checked="" type="checkbox"/> Instagram</p> <p><input type="checkbox"/> Pinterest</p> <p><input type="checkbox"/> Tumblr</p> <p><input type="checkbox"/> Twitter</p> <p><input type="checkbox"/> Weibo</p>	<p><u>Image editing software</u></p> <p><input type="checkbox"/> Adobe Illustrator</p> <p><input type="checkbox"/> Adobe Lightroom</p> <p><input type="checkbox"/> Adobe Photoshop</p> <p><input type="checkbox"/> BeFunky (online)</p> <p><input type="checkbox"/> Sketch (Mac only)</p>	<p><u>Online collaboration</u></p> <p><input type="checkbox"/> Mindmeister</p> <p><input type="checkbox"/> Slack</p> <p><input type="checkbox"/> Telegram</p> <p><input type="checkbox"/> Trello</p>
<p><u>Video/audio editing software</u></p> <p><input type="checkbox"/> Adobe Premiere</p> <p><input type="checkbox"/> Audacity</p> <p><input type="checkbox"/> Garageband (Mac only)</p> <p><input type="checkbox"/> Soundcloud</p> <p><input checked="" type="checkbox"/> Windows Movie Maker</p> <p><input checked="" type="checkbox"/> Youtube</p>	<p><u>Presentation</u></p> <p><input checked="" type="checkbox"/> Google slides</p> <p><input checked="" type="checkbox"/> Microsoft Powerpoint</p> <p><input type="checkbox"/> Prezi</p>	<p><u>App development</u></p> <p><input type="checkbox"/> Adobe Flash builder</p> <p><input type="checkbox"/> Alpha Software</p> <p><input type="checkbox"/> Appy Pie</p>
<p><u>Others (please specify):</u></p>		

9. Other resources needed:
(Please tick (✓) as appropriate)

<input checked="" type="checkbox"/> Camera	<input type="checkbox"/> E-reader	<input type="checkbox"/> OHP
<input checked="" type="checkbox"/> Desktop Computer/Laptop	<input type="checkbox"/> Go Pro	<input checked="" type="checkbox"/> Smart Phones
<input type="checkbox"/> Digital Projector	<input type="checkbox"/> Interactive Whiteboard	<input type="checkbox"/> Tablet
<input type="checkbox"/> Voice Recording Devices	<input type="checkbox"/> NA	
<p><u>Others (please specify):</u></p>		

10. Learning objectives and outcomes for teachers and students

(Please list at least 3 learning objectives and outcomes for teachers and students respectively.)

Learning Objectives	Outcomes
Teachers should join to:	For Teachers:
1. Get to know international students and provide a platform for teachers to engage in collaborative learning with other professionals from various countries across Europe and Asia.	1. Teachers will have enhanced skills of team management and ability to engage students of a diverse background on an online platform.
2. Engage with pedagogical skills to become an effective teacher	2. Teachers can apply appropriate ICT tools to interact with other teachers and students and thereby improve digital-technology skills.
3. Gain specific knowledge and skills required to promote plastic waste management.	3. Teachers will be able to articulate their insights and views on strategies pertaining to plastic recycling by means of correlation to their personal experiences.
Students will learn to:	For Students:
1. Appreciate different cultures across Europe and Asia	1. Through interaction and collaborative learning with students from various countries across Europe and Asia, students will develop soft skills such as teamwork.
2. Identify the issues on plastic recycling and waste management to reduce pollution on our planet.	2. Students gain specific knowledge and skills required to promote plastic waste management in their schools and places they live in.
3. Improve students' digital competencies	3. The students learn and familiarize with appropriate ICT tools that enable them to become active and engaged learners.

11. Timeline and activities of the Online Collaboration

	<u>Main Coordinator</u>	<u>Teachers</u>	<u>Students</u>
Phase1 (April to May 2018)			
▪ Invite members to the working group	✓		
▪ Set-up a blog/Facebook account and Members introduce each other		✓	✓
▪ Connect working groups between Asian and European Schools	✓		
Phase 2 (May to July 2018)			
▪ Do research and gather information on advantages and disadvantages of plastic products and their harmful effects on environment in the participants' countries.			✓

▪ Upload gathered information on online platforms			✓
▪ Participants conduct surveys on plastic waste management and share with others on online platform			✓
Phase 3 (July to August 2018)			
▪ Gallery walk in an exhibition that showcases research findings of respective countries.			✓
▪ Collection of feedback on the gallery walk from the visitors and uploading on online platform.			✓
▪ Learning journeys to different organisations/market places in the respective countries to better understand recycling of plastic products and challenges involved.		✓	✓
Phase 4 (August to October 2018)			
▪ Evaluation of the work done by the student participants and reminders to address any gap in the information flow.	✓	✓	
▪ Summarise participants' findings and make video clips, tables and graphs to upload on Facebook.	✓	✓	
▪ Students display their findings to their peers in the class/school			✓

For further details about this online collaboration, please contact the coordinator directly.

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