In-service Learning for All Teaching Staff and Librarian
by Patricia Leal de Galindo

Tool(s) used:	• Sustainability Compass • Systems Mapping • Person Over There, Parking Lot, Expectations Board, Clock Dates, Stories, introduction to Mapping
Purpose of using tool:	• Generating Questions • Synthesizing Thinking • Use in the classroom, projects of all types **Overview:** We are very interested in our teachers learning about the different tools we were introduced to. They can use them in the classroom and with the different projects that they create or collaborate on.
Context of lesson/case study:	In-service learning for all teaching staff and librarian
Participants (# and description):	All teaching staff; ICT teachers, Language department, librarian, and Elementary and Upper School teachers
Topic, Theme, or Key Understanding of unit/project:	We used Sustainability
Length of unit/project:	From 11:15-2:30 pm
Resources/materials & setting required:	We used the Compass tool in a large paper, a white board for the Parking Lot, flip chart for the other two tools, computer & projector, post its, and scrap paper

Lesson Plan/Description of the Project:

Introduction To Sustainability and Systems Thinking

Equity American School

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Sustainability Toolbox

11:35- 11:50 Clock Dates

11:50- 12:00 Define sustainability

The Person Over There

12:00-12:15 Lunch Break (Get your lunch and join us back in the auditorium)

12:15- 12:35 Pairs' Definition using Clock Dates

12:35- 12:50 Share

12:50- 1:30 Stories

1:30- 1:50 Sustainability Compass

1:50- 2:20 Introduction to the Pyramid

2:20-2:30 Reflections and Feedback

Reflection

Plusses:

From the Teachers feedback:

"this was very productive it gave everyone a chance to voice not only doubts but opinions we got a lot of tools to use and it was not boring because it was interactive"

"The ideas and resources from this in service have been insightful. I really like the clock dates and person over there. I do feel we have more opportunities to speak our mind and share how to build the community more."

"I think the most effective aspect of these kinds of workshops are seeing the tools in action. I thought the 'clock dates' idea is something that could be very useful in the classroom and I enjoyed seeing how it works by actually doing it in the workshop. I also appreciated the macro perspective and discussing sustainability as a general societal issue."

Challenges:

- Time
- Finding the most appropriate example of each tool and concept and making it fun and accessible to all participants
- Fun is important, especially because they may be physically tired from the day's work, if the activities are fun, the participants will respond more favourably

Suggestions for other practitioners and educators:

Make sure you use the tools during the presentation, make the in-service very interactive, if you do not have enough time to work on a tool, it might be better to not introduce it that to introduce it and not use it.

It is only by putting it to use right away that the attendees can make sure they have understood the details, and any question about the use of the tool they might have they can voice right away.

By practising you guarantee the future use of the tools, you can help them make sure that they are using the correct vocabulary, you give them time to think how they can adjust the tool to the teaching level they are working in. Always give a moment to reflect and to give feedback.

Evidence and Resource:

Case study submitted by: Patricia Leal de Galindo, *2017, while serving as Elementary Principal at Equity American School, Guatemala City, Guatemala*

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