

Engendering flipped classrooms: learning through ICT teaching innovation across university courses

Project presentation

The aim of this project was to use **ICT tools** such as **Genially**, **Wooclap**, **Perusall** and **Moodle** quizzes to facilitate the implementation of flipped classroom methodology and more interactive learning activities – across two similar grammar modules and covering three degree schemes (Estudios Ingleses, Lenguas Modernas, Cultura y Comunicación, and Traducción y Interpretación). Where possible, we also wanted to include ‘real texts’, i.e. examples in context with their co-texts and focused on relevant, thought-provoking themes, such as gender issues in contemporary society.

The researchers also wanted to share good practice and ideas for engaging students more effectively with learning key grammatical features of English, as well as create a content bank of materials to use flexibly across future courses.

Key features:

- Focus on ‘flipped classrooms’ and interactive/co-operative learning
- A variety of ICT tools used to facilitate student interaction both in and out of the classroom
 - ✓ Out of class and before class learning facilitated by providing readings and homework questions through **Perusall** (in L3) to help engage students and make it easier for them to help each other
 - ✓ Out of class and before class learning facilitated through creating **Geniallys** for the students to explore (in B2)
 - ✓ **Wooclap** and **Genially** used in the classroom to gamify grammar learning and foster student interaction
- Examples taken from ‘real texts’, e.g. articles on gender from *The Conversation* that include the key grammatical features studied

Student feedback

Perusall

"The use of different webs such as Genially or Wooclap helped the class to be more dynamic, at the same time all the concepts and the theoretical aspects of the class helped me because instead of just learning the words I could practice and now how to properly use them."

"Perusall is a good app where students can share their ideas and I liked the fact that the answers can be compared, and you can also correct your mate's activities."

genially

I found the use of Genially very practical, and I was surprised the first time I used it.

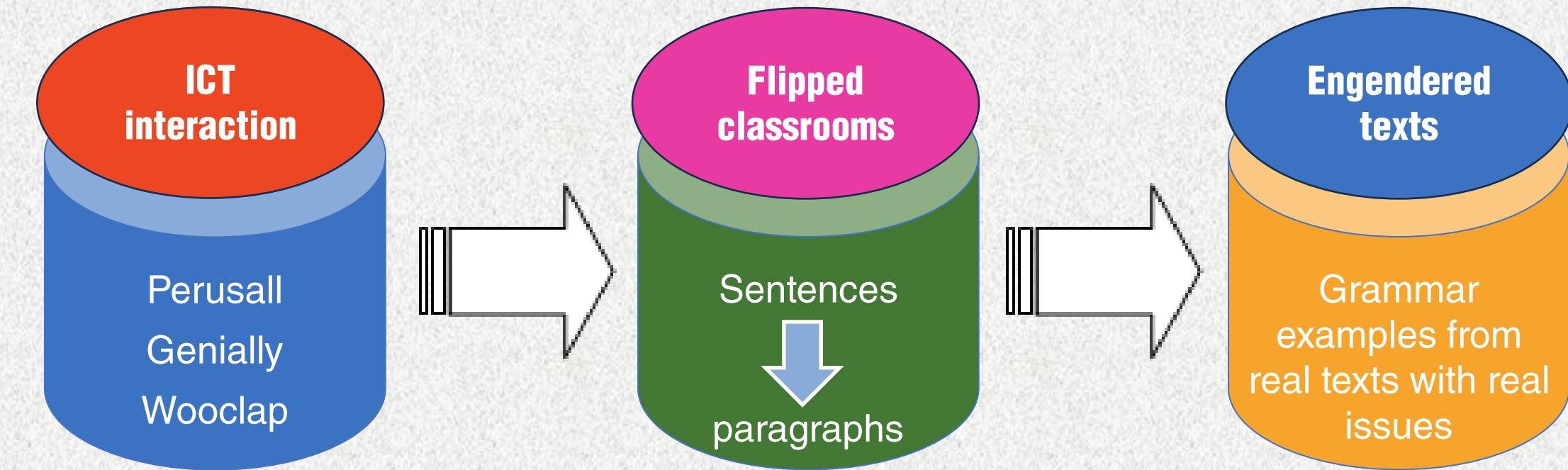
wooclap

Using Wooclap has seriously improved the communication in class, making us participating and working in groups.

I think the “quizzes” inside of the presentations were very useful.

Tasks completed

- Materials adapted to use social features of Perusall to facilitate student interaction outside of class, including exercises and course readings (L3)
- Quizzes created in Wooclap to aid student interaction and cooperation in class (L3 & B2)
- Geniallys created with activities and interactive quizzes to introduce the module, as well as support in class tasks (B2)
- New materials created based on ‘real texts’ to be analysed in class, e.g. *The Conversation*, ‘Arguing over whether girls can’t or won’t study science stops us fixing the problem’
- Bank of materials created to help support students with their revision, e.g. Moodle quizzes on modality based on real texts



Materials created

The screenshot shows two interfaces. The top interface is Perusall, displaying a list of modality-related tasks (e.g., 'willingness', 'obligation', 'advice') and a document viewer with a quiz question: 'Which of the following choices represent dynamic modality?'. The bottom interface is Wooclap, showing a quiz question: 'Which of the following choices represent dynamic modality?' with multiple-choice options and a progress bar.

Teaching team evaluation

- Students appeared more engaged in class and more able to relate grammatical features to texts
- Wooclap activities were particularly helpful for engaging students in class
- Perusall was very successful for some sub-groups but needs a minimum participation level from the students to be effective; this was reflected in some mixed feedback for this tool
- Collaboration between courses and lecturers considering the different cohorts varying needs helped the teaching team generate new ideas and teaching strategies
- Genially provided a very powerful flexible platform for producing flipped classroom materials, but at the expense of greater planning and setup time
- Wooclap found to be much less flexible than Genially or Moodle quizzes but allows new quizzes to be produced very quickly