



Feedback on lesson plan

Pandora Sifnioti, STEM teacher at the International Baccalaureate School “CGS” (<https://cgs.gr/>) sent her feedback after using the lesson plan “Fluid Dynamics”. She used it as part of the PYP Unit of Inquiry "Let's experiment". Her students are Greek, and they learn English as a foreign language (advanced level).

Here is Pandora’s feedback:

Overall comments:

The kids really enjoyed the lesson and stayed focus the whole time. Even though at the beginning they were quite surprised by the difficult science terminology, by the end of the lesson they were bringing up personal examples from everyday life linked to "difficult" scientific concepts (friction, various fluids, density, etc).

Furthermore, the layout of the lesson and the tools included were quite easy for me to get acquainted with and set up the lesson.

Thoughts and Recommendations:

- The videos and images were excellent to help them understand quite advanced scientific terms - however, I did stop them and elaborate on many parts myself.
- The song was a nice and pleasant way to introduce the subject - by the end of the lesson, some were singing along!
- The Word format was very useful as I left some parts out, due to time restriction. We had only 3 hours for this unit.
- Should it be used in various countries, I would also allow a part at the beginning or the end of the document for the translation of key terminology to the mother tongue of the students.
- I think that a student at average English level would not be able to follow the lesson. To follow the lesson in English as a foreign language a student must be at language acquisition level B1.
- As a chemical engineer, I was more than happy to teach the lesson myself, however I could not see all homeroom or English teachers in the primary school feeling confident enough to teach this. The English teacher who was with me during the lesson actually commented that she learnt a lot of things herself. Therefore, I would suggest that this lesson is delivered by STEM or science teachers.

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