**Lesson plan**  
**Theme: Energy(r)evolution lesson taught at 18-03-19  
 lesson taught by Kelsy Schreurs**

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| **Starting situation:** | Students from ages between 10 and 15 and from 6 different countries will follow the lesson. They should know about the English language but it is not known how well they speak and understand the English language.  It is assumed that the students all heard about certain climate issues worldwide and in their own country specific.  Students “know” each other for 3 days. Some of them may have never spoken to one another before the lesson. | | |
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| **Goals:** | At the end of the lesson:   * The students are aware of climate change in the world. * The students are aware of the importance of decreasing the CO2 emission. * The students know a few ways to reduce the CO2 emission by themselves. * The students know which parties are involved in the whole climate change problem. * The students are aware that the actions one party takes can have severe consequences for the other parties. * The students can work cooperatively with students from different countries which they don’t know well/at all   Challenges:  - Working cooperative with students they don’t know (well)   * Following a lesson in English * Talking English to one another during the cooperative exercise * Talking English to the teacher when he/she asks something | | |
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| **Time schedule:** | **Teacher:** | **Students:** | **Needed materials:** |
| Before the start of the lesson | Welcome the students at the door | Enter the classroom and take a seat |  |
| 5 min | Explaining the game and handing out the worksheets. Starting with worksheet 1 (goal of each team). During the game every round a part of worksheet 2 will be handed out.   *Game:* *Divide the students in 4 groups (government, energy company, environmental organisation, family). Each party has his own goal to reach (worksheet 1).  There are 3 rounds in which each party has to choose what is the best option for them keeping in mind their goal (worksheet 2).  After each round the teacher keeps up the CO2 scores and the money.   Story to tell:  The climate conference has just finished. It was decided that CO2 emissions have to be reduced by 25 units in 15 years. The present emissions are 100 units. Target resulting from the climate conference is 75 units.*  Draw the CO2 meter on the board. | Listen and make 4 teams | Worksheets 1 and 2 |
| 30 min | Accompany the game.  Keep up the scores of each team (money). Keep up the CO2 meter. | Playing the simulation game in groups “energy(r)evolution”, discuss, weigh up pros and cons (CO2 emission/reduction and money saved/spend) | Worksheets 1 and 2 Board |
| 1 min | Determine the winning group |  |  |
| 5 min | Explain the exercise of worksheet 3, hand out worksheet 3 (worksheet 3 contains questions about the game played) | Answer the questions on worksheet 3 in groups, discuss | Worksheet 3 |
| 9 min | Discuss the answers of the groups (worksheet 3). | Discuss, listen and answer questions |  |
| After the lesson | Thank students for joining the lesson | Leave the classroom |  |
| Total 50 min |  | | |