EAIE

Esports as Accelerator for Social Inclusive Education

LESSON
ZERO EMISSION?

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ZERO EMISSION?

This is a excercise in sustainable energy management that can be adapted to both natural and social science.

Subject and level
Geography - possible in coorelation with social sciences.

Connection to curriculum
The game in this excercise gives the students an understanding of the pros and cons of different types of sustainable energy sources and the possible impacts of their use.

Didactic and pedagogic considerations
The game is well suited for groups, which adds an extra layer of disussion and teamwork to the excercise as the students must agree on which actions to take.

Time estimate
1 hour

Group size
2-5, as long as the can gather around the same computer.

Overall introduction to exercise
The students must play the card based game Green New Deal Simulator (free on Steam). During the game they will be faced with different choices to manage the energy production in the US. Each choice has an effect on emissions and the employment rate in the different regions.
Students must agree on each choice through out the game.

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Exercise as presented to the students

- Find the game “Green New Deal Simulator” on Steam
- Follow the instructions in the game
  - You must agree on every choice while playing the game
- Evaluate your progress throughout the game
  - Identify the three biggest challenges when trying to change the energy production and achieve zero emissions
  - Is it realistic to achieve in real life?

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