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Group topic: Redesign

Report on e-learning and flipped classroom feedback (Spring 2021)

The video lectures were extremely detailed and quite thorough, examining almost all the issues that exist and questions one might have about such a complex theme. The only problem would be that the amount of information was formidable, and the terminology was a bit too demanding for high school students. The issue of the abundance of information could have, perhaps been solved by providing more written documentation with the videos, and some supplementary papers surrounding the topic could have also been provided, for those who wish a more in-depth analysis. The flipped classroom was an interesting experiment and most definitely a novel way of learning and critically thinking about a subject. Although it was a different experience, there are perhaps easier ways to learn, such as a live interview with an expert or various experts. The idea is new, and should and could be improved, but it does bring a more friendly atmosphere to dealing with such complex topics and it does inspire new ways of thinking.

Some questions that we prepared for discussing reuse in class were:

1. What is the meaning of DFE?
2. Who invented the first connected refrigerator?
3. When did the industry 4.0 start?
4. What is the Internet of Things?
5. What is lean manufacturing?
6. To what sectors can lean manufacturing be applied?
7. What geological formations are potential sites for C?
8. Why should a company use indicators for circular economy?
9. What does MCI stand for?