**Ethics and science**

1. **Discuss the questions:**

* Do you believe that science is important in our society? Why?

Yes, we do. Science is impotant in our society because its provide us to future progress.

* What is the greatest scientific achievement in your field of research? Why?

Greatest achievement in our field of reserch is 3D printer. Printer is creating parts of house(self-support walls, particions, anclosing structures of the building) and we are collecting from parts/.

* What is the most interesting part of your profession? Why?

Most interesting in our profession is creating newest structures, find new ways to bulding. It is interesting create new and create a space in which many people will exist.

* What is professional ethics? What is professional ethics in engineering?

Professional ethics is values and principles expressing the essence of the profession. Ethics in engineering is set of norms, rules, principles that are observed in the work.

Duty and relationship, professional values.

1. Read the extract from ‘NSPE Code of Ethics for Engineers’ and formulate the main idea of it. What statements do you agree with, what would you add?
2. **Discuss the questions**

* How would you define the word “ethics”?
* What is an ethical dilemma?
* What is ethical and unethical in science?
* To what extent should the science be ethical?
* Should the ethics of science be set on the legal basis? Give examples.
* Science and society, should they correlate anyhow?
* What is research ethics?

1. Watch the video and discuss the **questions**: <https://www.youtube.com/watch?v=XQ0RmtXTXTY>

* What kind of scientists would they like to have?
* What is a scientific method?
* What is a scientist’s greatest temptation?
* What is it important for researchers to consider except for the potential outcomes of their research?
* What is a scientists’ research obligation?

1. **In your teams, discuss the following:**

***The ethics issue: AI and gamification in hiring***

*While hiring companies can already see a candidate’s social media history, some companies are going a level beyond and using neurological games and emotion-sensing recognition as part of their assessments. If taken to the extreme, this means a machine could decide if you are right for a position based entirely on your responses to a game of your facial expressions. Regardless your resume, your phone interview, your in-person interview, or your impressive track record—it could all be for naught.*

1. **Work in teams.** Think of an ethical dilemma existing in your field of research. Formulate it and discuss it with your classmates.
2. **Read the article and define the main point.** Do you agree or disagree? <https://magazine.ethisphere.com/renewable-energy-an-ethical-decision-or-simple-economics/>