

"Can robots make mistakes? Philosophical dialogue about technology and society"

Schools not only nurture the future scientist, but also the citizen of tomorrow. This citizen needs to understand scientific and technological evolutions at a basic level. After all, he or she will be asked to make (political) choices about the use of technology such as discussions about genetical engineering or nuclear energy. This implies students should be able to participate in dialogues to assess the opportunities and pitfalls of technology. In this workshop we will explore how the use of (philosophical) dialogue can motivate students to discuss the impact of technology on society. In a philosophical dialogue a group participants aim to explore a question such as 'Can technology change our preferences?' Or 'Can robots be dangerous?'. We will discuss how these kinds of dialogues can be used to stimulate student's motivation for STEM in general and technology in particular.

You will experience a philosophical dialogue and reflect through collective discussion.

INTERVENTIONS IN EDUCATIONAL SETTINGS



JELLE DE SCHRIJVER
TEACHER EDUCATOR AND RESEARCHER STEM EDUCATION
ODISEE UNIVERSITY COLLEGE
BELGIUM

Jelle is a biologist with a PhD in philosophy. He works as science education researcher and as a teacher trainer at Odisee University College in Brussels. His main areas of research are reflective science education and dialogic teaching. He works on projects aimed at integrating philosophical dialogue in the STEM class. He is inspired:

by Matthew Lipman: he developed a method called 'philosophy with children' that inspires
our by Marcel Proust: memories are frozen time capsule

by John Dewey: he continually argues that education and learning are social and interactive
processes, and thus the school itself is a social institution through which social reform
can and should take place.

Brings along: Eef Cornelissen