

Summary: TECHin (inspiring for technology)

Background and mission

Youngsters not choosing studies in STEM related subjects are a serious problem for Norwegian enterprises. 1 of 5 enterprises in private sector reports that they had to delay or cancel projects due to the lack of employees with satisfactory competence in STEM-subjects.

In this situation TECHin was established with the purpose to enhance the teacher's competence in the technology area. TECHin is a non commercial group of business organizations and national centers for education that want to improve the quality of the Technology and design (TOD).

The main mission with this project is to make sure that our enterprises in the future will have better access to employees with necessary skills in STEM-subjects, and our idea is that the teachers are the key.

What do we do?

TECHin offers courses to the teachers that show the practical applications of STEM-related objectives in the curriculum.

About 1000 teachers have participated in our courses. About 15 different courses /teaching resources have been developed and tested.

The clue to our success is that the selection of courses is based on the Norwegian national curriculum and corresponds to the need of the schools and their teachers.

Achievements

Surveys show teachers high level of transfer the project to the regular classroom activities and a high student satisfaction.

Innovation

The uniqueness of this partnership program is that every organization, that has prior spent time and resources in an effort to stimulate youngsters' interest for STEM related subjects, have decided to work together in one program.

- Benefits to students, businesses, educators and other stakeholders.
- Increased motivation for students and educators for STEM-subjects.
- Positive development in recruitment to STEM.

Benefits that we all appreciate: Network building through a transition from competition to cooperation among the participating stakeholders.