

SUSTAINABLE DEVELOPMENT GOALS IN EDUCATION

projects that show how STEM can contribute to achieving the SDGs

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CHEMISTRY UNDER YOUR SKIN

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<http://www.atsstem.eu/sweden/dalarno-skola/>

Tattoos are a cultural phenomenon that has been around for millennia and certainly in Europe they have recently experienced a renaissance.

Through a series of **easy analytical experiments**, various tattoo inks are examined regarding their chemical and physical properties. The potential consequences of these will then be used to contextualize tattoos regarding the **pupils' personal lives and decision making processes**. Based on the **UN's Global Goal 3**, the project is focussed on **Education for Sustainable Development (EDS)**, with the intention of developing the pupils' **capability of association and critical thinking**.

SUSTAINABLE DEVELOPMENT GOALS

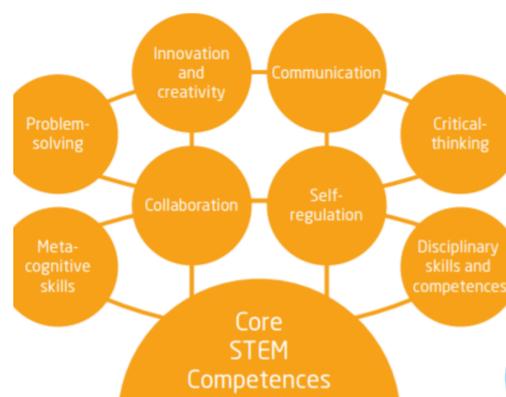
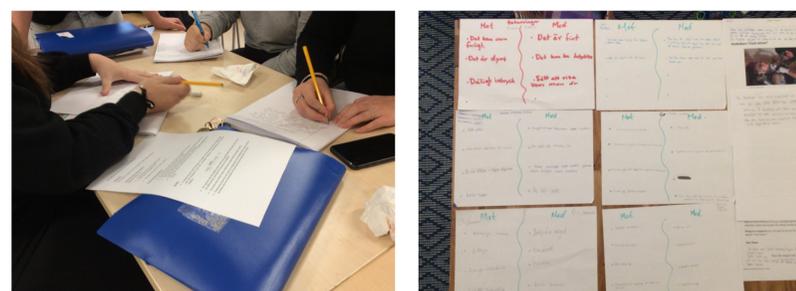


What did we do ?

- **Created** interest in the students.
- Experiments for **investigation** tattoo inks.
- **Discussion** using the observations and the results from the experiments relate them to specific literature on the subject.



J. Chem. Educ. 2015, 92, 1, 129-134



http://www.atsstem.eu/wp-content/uploads/2020/11/ATS_STEM_brosura_A4_WEB.pdf

How do teachers work with social issues with scientific content in their teaching?