Workshop on Make Design Learning Visible

Formative Assessment within Design and Technology Education

Friday April 30, 14.00-15.30

Workshop givers:

Remke Klapwijk, Delft University of Technology

Kay Stables, Goldsmith University London

In cooperation with: Donal Canty (Ireland), Osnat Dagan (Israel), Eva Hartell (Sweden), Ritesh Khunyakari (India) and Nicolaas Blom (Ireland)

Before the workshop you will receive:

- Digital guide and toolbook Make Design Learning Visible

In the workshop:

- Experience various tools for formative assessment first hand in online exercises in break-out rooms
- Get acquainted with the research and theoretical insights behind it.
- Hear from the pilots in the different countries from the involved researchers

Workshop description
Formative assessment has a huge positive impact on the learning process and is highly relevant for Design and Technology education and our PATT community.

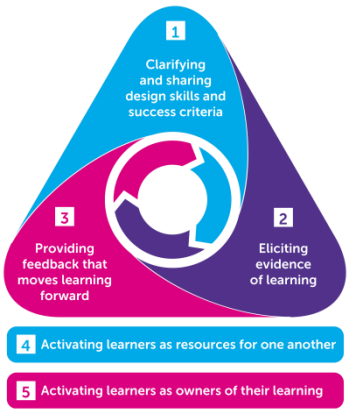
At the Delft University of Technology in cooperation with Kay Stables from Goldsmith University, we developed a set of tools to specially assess design skills such as divergent thinking, making productive mistakes and cooperation.

Design skills

Last year we have been piloting the “Make Design Learning Visible” approach in different countries as part of (pre-service) teacher training, Nicolaas and Donal in Ireland, Ritesh in India, Kay in the UK and Remke in the Netherlands and Osnat is planning to do so in Israel.

We want to share our discoveries with you in this workshop. When using the design skills in teacher training, we notice that it seems to make students and teachers more aware of the nature of the design process and the iterative moves that have to be made. In addition, learners reflect on their learning process and develop design skills in a much higher rate. This is due to the clear, shared direction of the learning and many, small manageable actions taken to forward the learning.

In an interactive session, we will ground the approach in literature on formative assessment and show lots of practical examples. For example, using a visual approach to clarify learning goals or a series of pictures to reflect on specific design skills.



Strategies in formative assessment of design skills

Network

Through the workshop we would like to build a network that shares knowledge as well as practical sources and that cooperates in innovation, research and practical implementation of formative assessment tools in primary and secondary education as well as in teacher education.

We are exploring opportunities for cooperation in implementation, innovation and research on Formative Assessment, e.g. Erasmus Strategic Partnership, deadline May 2021. Additional partner countries are welcome for joining us for the call in 2022.

Participation

Participation is free for all who are attending the conference. Please register for the FE workshop by sending a mail with your name to r.m.klapwijk@tudelft.nl (topic: register Workshop Finland)

Inspiration

Klapwijk and Van den Burg, 2020 https://ojs.lboro.ac.uk/DATE/article/view/2788)