

Overview of the tools

Course design themes, pedagogical tools & learning activities

Current course design themes

(Peer) Feedback

Activating Study Material

Discussions

Interactive Classroom

Pedagogical tools for design themes

(Peer) Feedback



Group Member Evaluation



Peer Review



Skill Review



Assignment Feedback



Automated Feedback

Activating Study Material



Interactive Study Material



Comprehension

Discussion



Discussion Assignment

Interactive Classroom



Interactive Presentations

Pedagogical tools for design themes

(Peer) Feedback

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 Automated Feedback

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 Interactive Study Material

 Comprehension

Discussion

 Discussion Assignment

Interactive Classroom

 Interactive Presentations

(Peer) Feedback & Reflections on work / skills



- Designed for a smooth assignment flow (scaffolding)
- Built to reduce teacher workload
- Optimised for maximum student engagement

(Peer) Feedback | Group Member Evaluation

Tools:



Group Member Evaluation



Peer Review



Skill Review

Learning Activity Templates

Students give feedback on their peers' collaboration skills



Using

Group Member Evaluation



Maastricht University

Co-creation partner | Maastricht University

Used at | 15 partners

Assignments done | 6k

Students impacted | 30k

Personalize group grades based on individual contributions to group work



Using

Group Member Evaluation



(Peer) Feedback | Peer Review

Tools:



Group Member Evaluation



Peer Review



Skill Review

Learning Activity Templates

Students peer assess each others' draft group reports before the final hand-in to teacher



Using
Peer Review



Co-creation partner | TU delft
Used at | 17 partners

Assignments done | 10k
Students impacted | 45k

Students upload videos of their laboratory work for peers to review and grade



Using
Peer Review



(Peer) Feedback | Skill Review

Tools:



Group Member Evaluation



Peer Review



Skill Review

Learning Activity Templates

Students receive feedback on both their written work and their presentation skills



Using

Assignment Review and Skill Review



Maastricht University

Co-creation partner | HvA

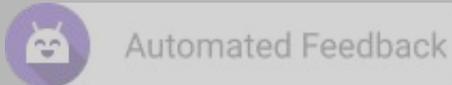
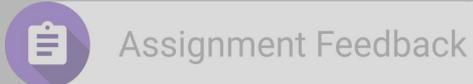
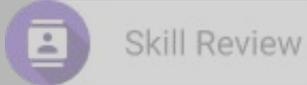
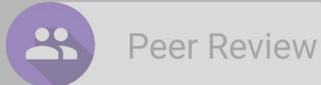
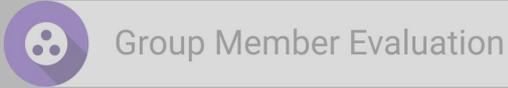
Used at | 3 partners

Assignments done | 1.2k

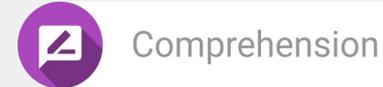
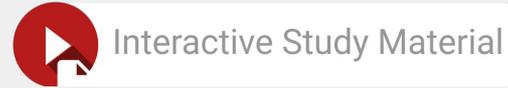
Students impacted | 4k

Pedagogical tools for each design theme

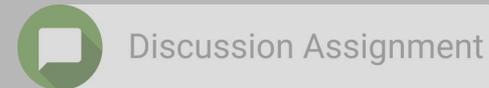
(Peer) Feedback



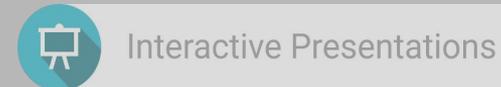
Activating Study Material



Discussion



Interactive Classroom



Activating watching, Reading & Listening

Knowledge items:



Videos (All types)



Audio



Articles, doc's (All types)



Images

- Designed to spark active thinking
- Built to increase knowledge transfer

Activating techniques



Practice Questions



Guiding Annotations



Discussions

Activating study mat. | Interactive Study Material

Tools:



Interactive Study Material



Comprehension

Learning Activities Templates

Students reflect on the impact of a video on their opinions



Using
Interactive Video

TU/e Technische Universiteit
Eindhoven
University of Technology

Co-creation partner | TU/e, Hult
Used at | 7 partners

Assignments done | 4k
Students impacted | 24k

Asking students to create exam questions



Using
Interactive Documents

 Amsterdam University
of Applied Sciences

Activating study mat. | Comprehension

Tools:



Interactive Study Material



Comprehension

Learning Activities Templates

Students annotate a mockup essay to develop writing skills



Using
Comprehension



Co-creation partner | InHolland, Harvard
Used at | 7 partners

Assignments done | 1.5k
Students impacted | 4k

Students can better process scientific articles by priming on specific topics



Using
Comprehension



UNIVERSITEIT VAN AMSTERDAM

Pedagogical tools for each design theme

(Peer) Feedback

 Group Member Evaluation

 Peer Review

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 Automated Feedback

Activating Study Material

 Interactive Study Material

 Comprehension

Discussion

 Discussion Assignment

Interactive Classroom

 Interactive Presentations

Discussion assignment

- Case study method
- Peer review
- Open discussion
- Teacher intervention
- Reflection

1 **Instructions**

 In this project, you will write a 2 - 4 page review paper that critiques 4 past student project reports from the on-campus class that represent major concepts you have learned in 2.830. You will then score/critique your peers' review papers in a discussion forum setting, discuss in an open setting, and reflect on what you yourself have learned.

When you review the project reports, be sure to address the following areas:

1. Summary of main idea of project report
2. Critique on experimental set-up
3. Critique on SPC used
4. Overall do you agree with the conclusions? Why or why not?
5. (Optional) How might this be useful in your context?

2 **Hand in** [DOWNLOAD ALL SUBMISSIONS](#)

 Deadline passed (Wed, Apr 3rd, 17:25)

Students still in progress 0

Students that completed their hand in 6

3 **Discuss with your peers**

 Deadline passed (Wed, Apr 3rd, 18:06)

[GO TO THE DISCUSSION](#)

Students still in progress 0

Students that discussed 6

4 **Open discussion**

 Deadline passed (Wed, Apr 3rd, 18:17)

[GO TO THE DISCUSSION](#)

Students still in progress 2

Students that discussed 4

5 **Reflect on the discussion**

Students still in progress 0

Students that wrote a reflection 4

Activating study mat. | Discussions

Tools:



Discussion Assignment

Learning Activities Templates

Organise open-ended assessment at scale and leverage class interaction for enhanced online learning



Using
Discussion Assignments

MITx

Co-creation partner | MITx

Used at | 2 partners

Assignments given | 6

Students impacted | 900

Pedagogical tools for design themes

(Peer) Feedback

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Activating Study Material

 Interactive Study Material

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 Discussion Assignment

Interactive Classroom

 Interactive Presentations

Create interaction during lectures

- Add questions to existing slides
- Low effort method to engage students in lectures
- Class attendance registration

The screenshot displays the 'Dotank process _ 2.0' interface. At the top, a blue header bar contains a back arrow and the text 'Dotank process _ 2.0'. The main content area shows a slide with a dark green background and white text that reads 'How are learning activities co-created?'. Below the text is a circular logo for 'EDTECH DOTANK' featuring a graduation cap and the text 'EST. 2014'. A white menu box is overlaid on the slide, containing two options: 'Multiple choice question' and 'Open question', each with a question mark icon. A blue arrow points from the 'Multiple choice question' option to the slide. Below the main slide, a horizontal strip shows five thumbnails of slides, numbered 1 to 5. Slide 1 is the current slide. Slide 2 is titled 'Identify learning activities proven in practice' and features a bell curve graph with labels 'Innovators', 'Early adopter', 'Early majority', 'Late majority', and 'Laggards'. Slide 3 is titled 'Why is the innovation a' and 'Multiple choice question'. Slide 4 is titled 'An opportunity arises' and 'However it doesn't reach wide adoption often because of poor technical support.' Slide 5 is titled 'MITx' and features a person icon and a gear icon.

Activating study material | Interactive Presentation

Tools:



Interactive Presentations

Learning Activity Templates

Students anonymously answer controversial questions and discuss them together



Using
Interactive Presentation

TU/e technische universiteit eindhoven

Co-creation partner | TU Delft
Used at | 3 partners

Presentations given | 450
Students impacted | 5500

Students answer pre and post lecture multiple choice questions



Using
Interactive Presentation



UNIVERSITEIT VAN AMSTERDAM