



FeedbackFruits

Interactive Presentation

Why engage your students physically in class?



For students (didactic)

- Increase engagement and deeper learning in (large) classes
- Spend more time on learning objectives that are perceived difficult by students
- Suits a flipped classroom setting



For teachers (pragmatic)

- Helps to solve the problem of always calling on the same students, and getting feedback from the entire class
- Start a teacher day with a class poll to gauge mood, warm up, or ask an essential question



How to enable a flipped classroom with engaged students?



Open and multiple questions



Polls



Presentation Slides integration



Attendance registration



Live learning analytics

Back



What FeedbackFruits has built for Interactive Classrooms?



Interactive Presentations

Didactic challenge:

How to engage students
in passive lecture



FeedbackFruits

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Elements our partners love

Seamlessly usage:

→ Live step-by-step guideline

- ✓ Upload slides
- ✓ Add questions
- 3 Press play and show the link
Get your audience connected in seconds and after that, present like you're used to
- 4 Interactive questions
- 5 Results visualized

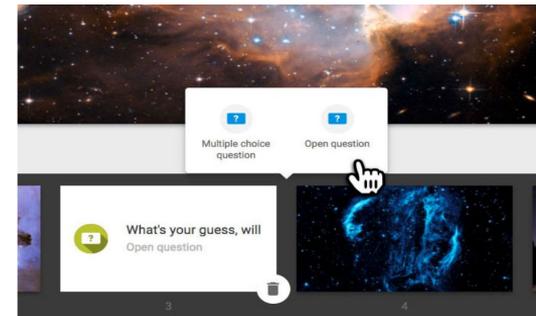
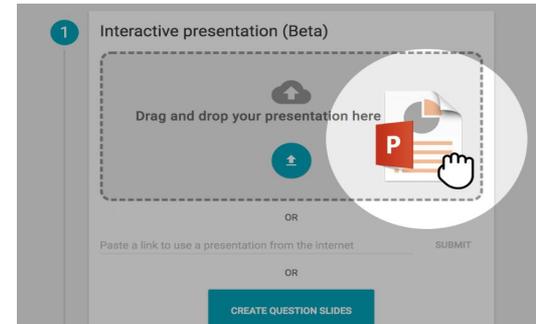
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Elements our partners love

Interactive slides:

- Upload of existing slides
- Questions creation
- Live classroom interaction



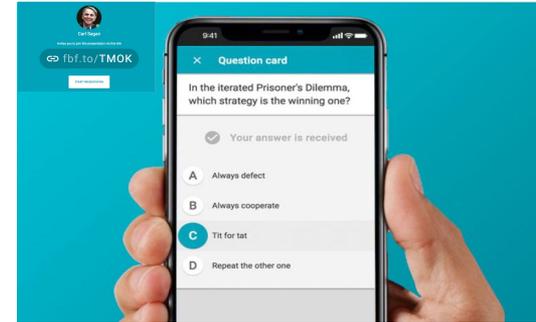
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Elements our partners love

Support of Mobile Phones:

- Follow up slides
- Answer questions given by the instructor



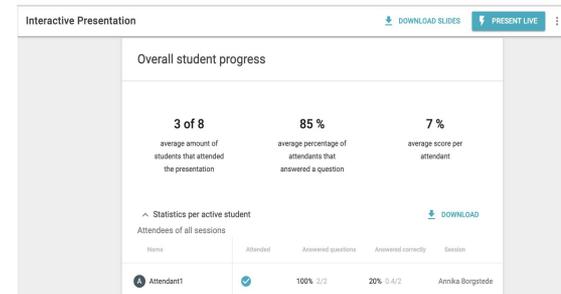
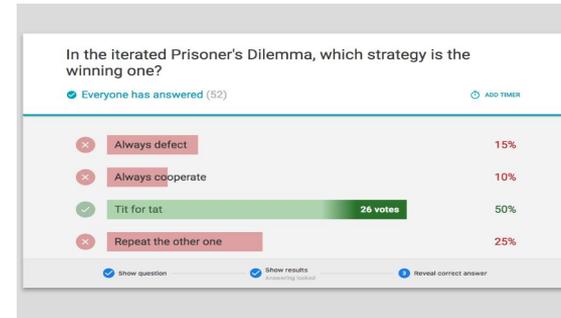
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Elements our partners love

Learning analytics:

- Questions Answers
- Correct Answers
- Attendance
- Participation



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Case study

Netherlands

April 2018



SITUATION

PROBLEM

INTERVENTION

PILOT

Faculty: Leiden University Medical Faculty

Date: February 2019

Course: Biomedical science (BSc)

Instructor: Prof. Onno Meijer

Instructional designer: Nathalie De Bruycker

Course size: 700 students

SITUATION

PROBLEM

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PILOT

“Need for more engagement and interaction in lectures (BSc year 1).”

SITUATION

PROBLEM

INTERVENTION

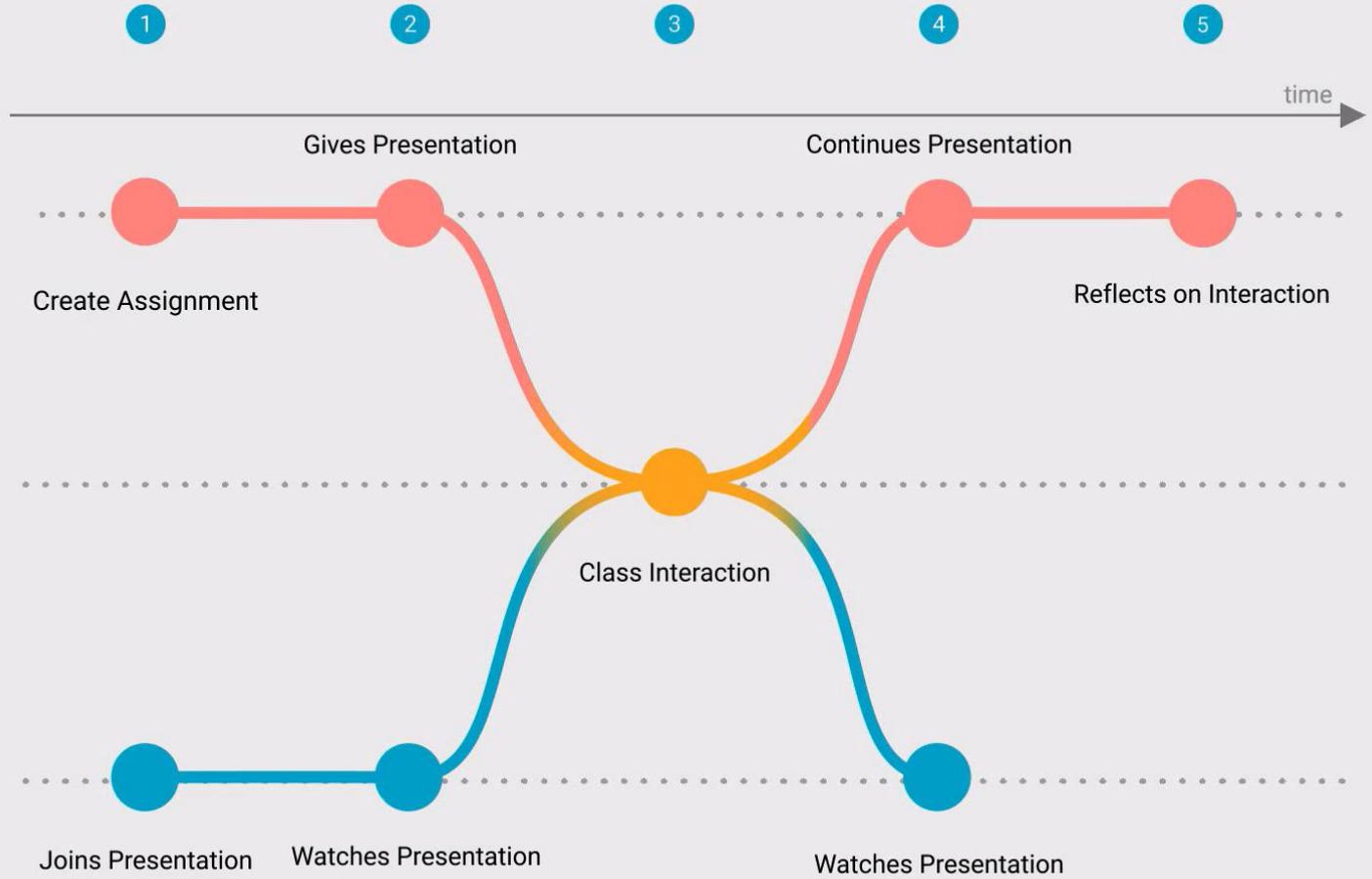
PILOT



Natalie
Instructional
designer

1. Looked for low barrier interactive presentation tools that allows teachers to engage their audiences
2. Tried out Mentimeter / Kahoot and FeedbackFruits
3. Also used the tools for attendance registration
4. Did a teacher survey to assess which tool best suits the needs of professors
5. Set up an longitudinal study to compare results





SITUATION

PROBLEM

INTERVENTION

OUTCOME

The learning activity results...

- All tools minimized 'death by PowerPoint' phenomenon, interaction & engaged increased
- Feedbackfruits showed the highest participation of students
 - Probably due to the LMS integration
- Teachers spent less time on creating interactive presentation with FeedbackFruits
 - Teachers preferred they did not have to constantly switch screens
- Flipping the classroom was supported by FBF and resulted in higher course results
 - Observed a more right skewed distribution of grades (fewer '5' more '8' scores)

Exam results: Hormones & Nervous System, LUMC

Anecdotal, but **still interesting!**

