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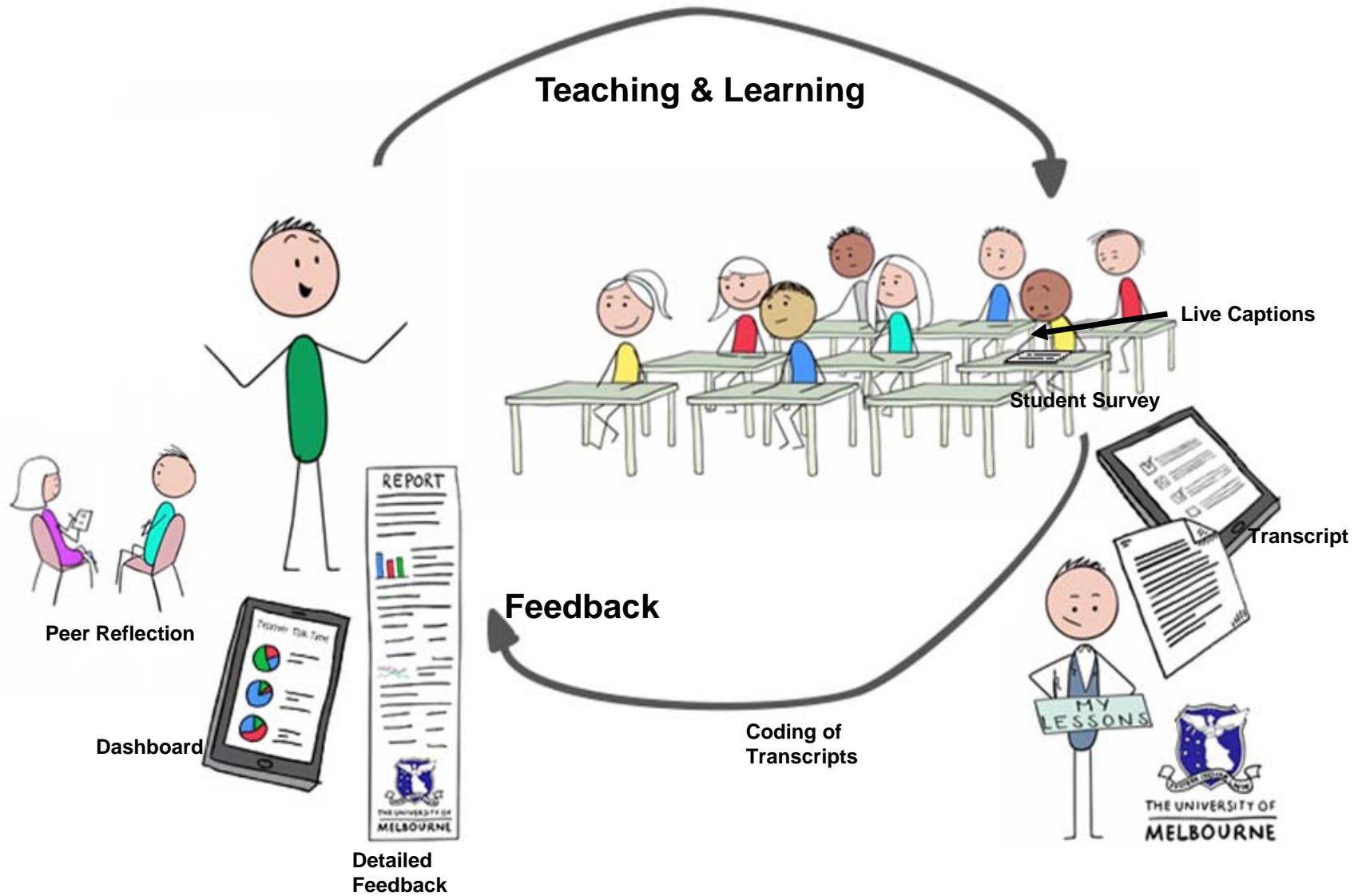


# Evaluation of the evaluation: Using RCTs

Professor Janet Clinton  
Centre for Program Evaluation  
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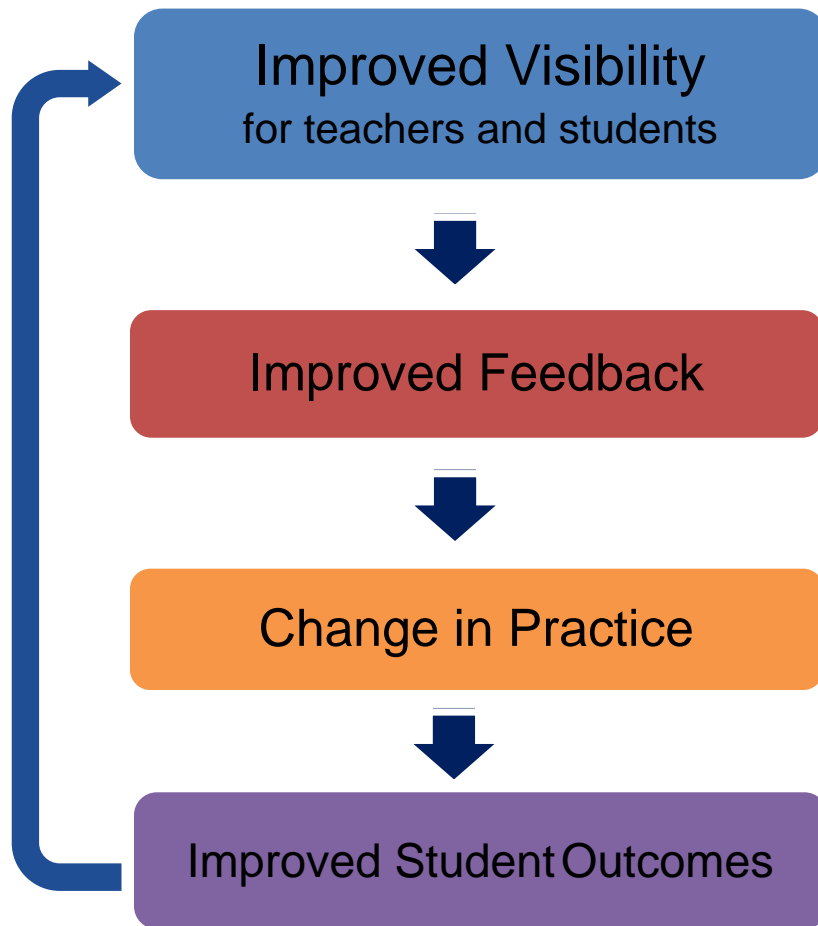
- Seeing it from both sides
- The intervention
- The process evaluation
- The challenges
- The worth of RCTs

# The Visible Classroom



AiMedia  
SSAT  
BIT  
EEF

# The Theory of Change



- Classroom captioning
- Analytics dashboard
- Transcripts available to teachers

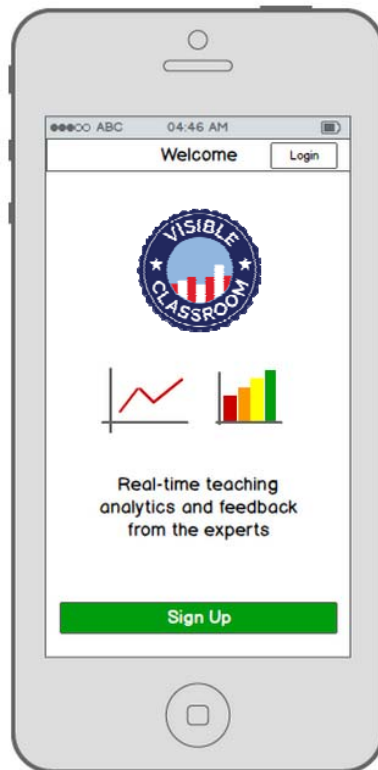
- Dashboard indicators
- Transcript
- Tailored detailed feedback from the experts

- Teachers reflect, discuss and share practice
- Teachers set goals for continuous improvement

- Teaching has a greater impact
- Change in teaching practice
- Changes in student attainment

# The Visible Classroom App

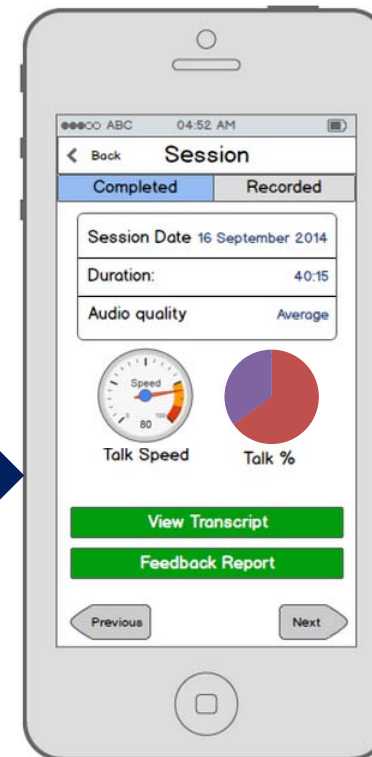
Visible Classroom App



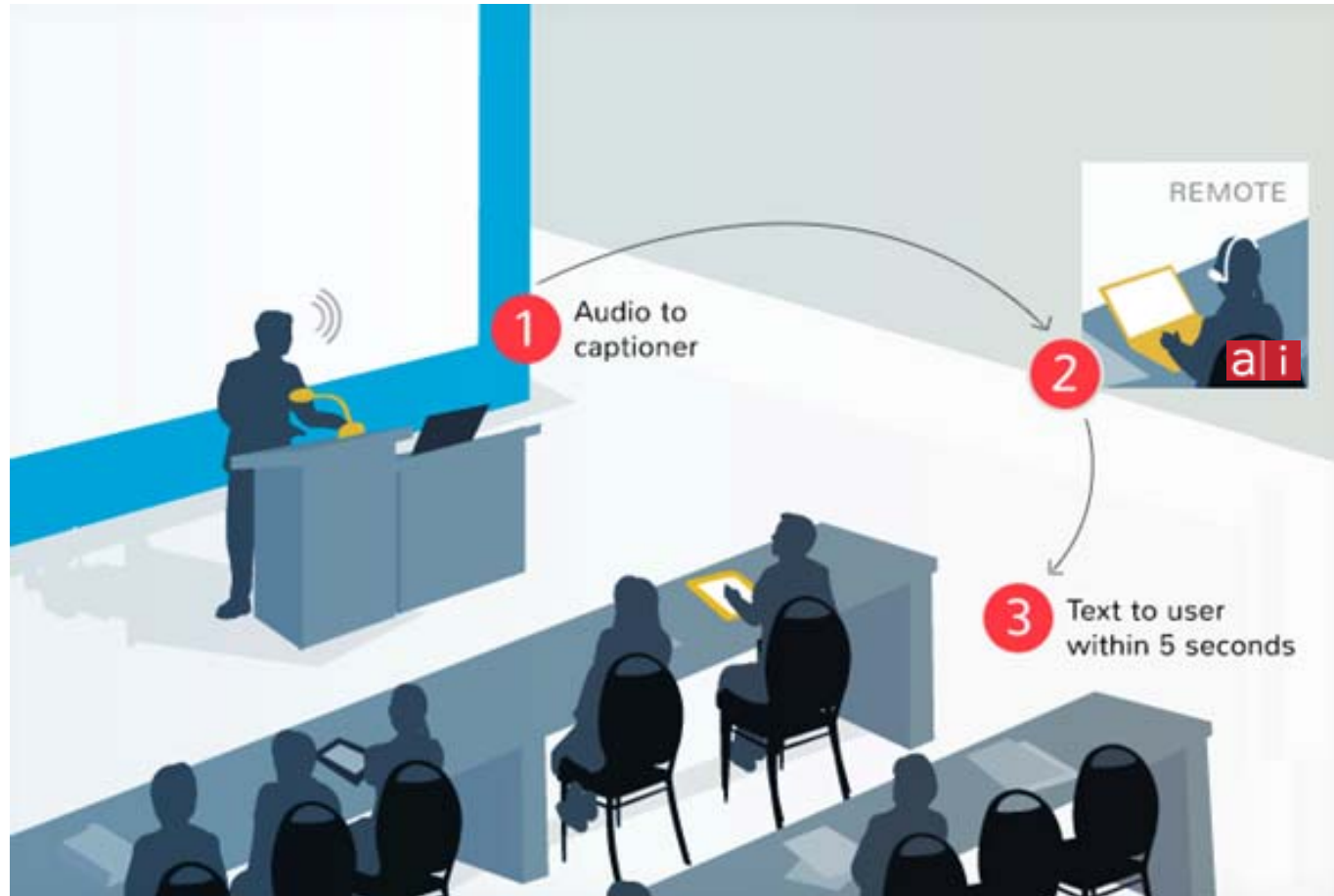
Record and Upload



Analytics, transcripts & feedback



# The magic behind live captions



Impact of a simple-  
minimal application of  
Visible Classroom on  
student achievement in  
perfect conditions



# Intervention

- 3 blocks of captioning and feedback, with 5 hours of lessons captured over 3 terms, within 1 year
- 2 blocks of captioning and feedback for year 6 teachers in 3 lessons captured over 2 terms within year 2
- For each hour a verbatim lesson transcript, & a data dashboard.
- After 5 lessons in-depth report on their teaching with tailored suggestions for improvement.
- A minimum of 1 hour with their nominated mentor after every 5 hrs.





- The trial is a two-arm, school-level cluster randomised trial.
- Yr5 & 6
- The two arms are (1) 'business as usual' control arm, and (2) the Visible Classroom intervention.
- Approximately 140 schools will be recruited to this trial.



## Primary

- Combined Maths and English KS 2 results for Y5 & Y6.
- .14 effect-size benchmark

## Secondary

- Secondary English and Maths separately for each year group
- FSM subgroup analysis for Teacher subgroup analysis for combined English and Maths results for Y5

## Tertiary

- Change in practice as measured by Visible classroom
- Perception of change in teacher practice as measured by survey

## Process evaluation:

- dosage analysis of the combined time the teacher spends recording lessons & uses the online feedback
- the theory of change related to the intervention
- the barriers
- conditions for effective delivery
- related costs of implementation incurred by schools and teachers.



- Semi-structured interview with
  - program staff
  - school mentors
  - high and low adherence teachers
- Web analytics to monitor usage of VC app
- Brief survey to all teachers post-intervention
  - satisfaction,
  - perceptions of usefulness
  - feedback on the intervention.
- Secondary data from intervention



## Challenges thus far

- Follow through from recruitment
- Getting baseline information in on time
- Clusters schools turning up to training
- Complaints because they wanted to be the trial
- Consent forms not submitted in time
- Access to School level data
- Enthusiasm not problem
- Setting the bar to high for the primary outcome
- Pressure on process evaluation



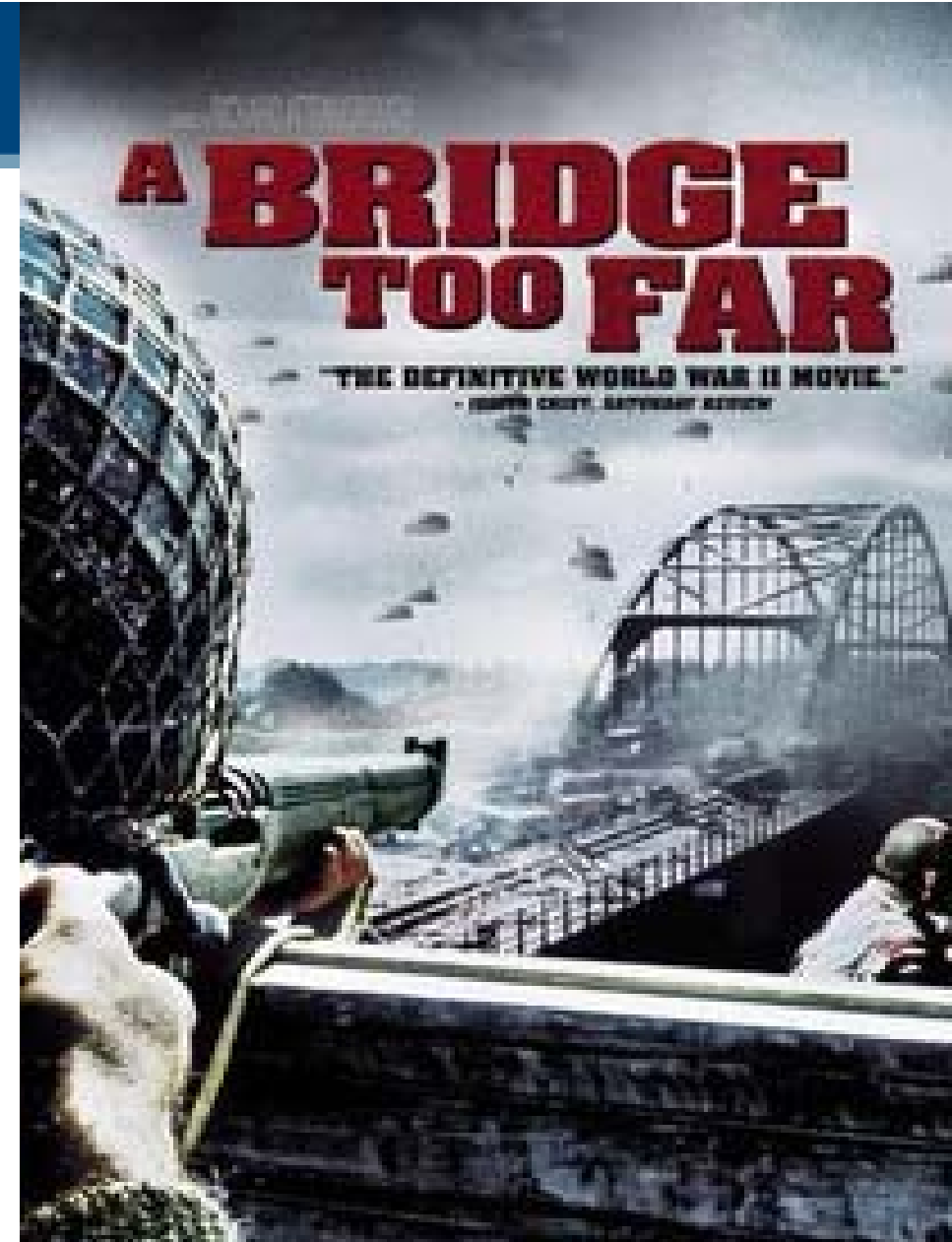


I don't care..!



A+ excellent!

- Questions about the theory of change
- Primary outcome may be the bridge too far
  - What about the secondary?
  - What about the tertiary?
  - How will we react?
  - What do we expect?





The Answer?

The Explanation?







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# Questions ?

## Thank you.

Professor Janet Clinton : [jclinton@unimelb.edu.au](mailto:jclinton@unimelb.edu.au)