

For parents: Understanding CORE and what we do



Who are we

We are researchers from the Centre for Research in Pedagogy and Practice (CRPP) at the National Institute of Education (NIE), NTU, led by Principal Investigator Dr Dennis Kwek. The study has been ethically approved by the NTU Institutional Review Board

Our Research Focus

We're examining how **Mathematics, Visual Arts, Music, Literature** is taught and learned in Primary 5, Secondary 1 and 3 classrooms across Singapore. Findings will shape education policy, guide teacher training, and give schools timely feedback on curriculum implementation.

Data Confidentiality

All data is kept **strictly confidential** — video recordings will be focused on the teacher, audio is transcribed and coded, and no student is ever identified by name. Data is stored securely within NTU and NIE in Singapore for a minimum of 10 years, with access restricted to the Principal Investigator and study team.

Student Participation

Participation is voluntary and your child can withdraw anytime.

- **All participating students:** complete an online survey on learning attitude, motivation, and interest in the subject assigned
- **All participating students:** take part in lesson video recordings (focused on the teacher), short 5-MCQ exit polls.
- **Selected participating students:** classwork collection, and/or focus group discussions
- No risks beyond minor initial distraction, and no compensation is provided

What we do with the data

- 01 Shape educational policy and inform teacher training
- 02 Give feedback to schools on the specific subject teaching, and share aggregated/de-identified data with MOE for research purposes
- 03 Only de-identified data is used in publications or deposited in repositories like DR-NTU



For any further questions please reach out to: core@nie.edu.sg

Student Participation:

What is to be expected



Lesson Recordings:

Cameras focus on the teacher, not your child. A normal lesson, just observed.



After Lesson Exit Cards:

5 multiple-choice questions after a lesson, it takes a minute or two to complete.



Sample Worksheets:

A few pieces of marked work may be collected, will be randomly chosen by the teacher.



Focus Group Discussion:

5 Selected students share their learning experiences. About 30 minutes.



Online survey:

A short survey on how they feel about the subject — attitude, motivation, interest. Up to 1 hour.

Data Storage: Confidentiality & Anonymity



What happens to the data?

**Lesson Recordings:**

No students will be identifiable.
Only used for data analysis

**Audio Recordings:**

Transcribed and coded,
no participating student
is identifiable in the text.

**Students' Worksheets:**

Names removed before
storage. Looked at only
for teaching patterns

**Surveys and Exit
cards:**

Anonymised before
analysis, no individual
student is identifiable.

Where is the data stored?

1

Research Data Archive:

Raw data, access-restricted to the study team only

2

NIE Data Repository:

Final anonymised data only. Stored for a minimum of 10 years.

3

NTU & NIE secure servers

All data stays within Singapore. Access limited to the Principal Investigator and study team.