



Teacher Design Thinking: An evidence-based model to support teacher design and technology integration

Designing learning experiences for students is something that teachers engage in every day. But it is a practice that is not well understood, often under-developed and under-supported. Effective design practice can help teachers integrate technology into teaching and learning experiences in a way that will promote better outcomes for their students.

This workshop will engage participants with the findings and outcomes of an ARC-funded project that investigated the design practice of 48 early career and experienced teachers in public, independent and Catholic schools in NSW. The findings have been translated into a teacher design thinking model aimed to support teachers in their design work.

The objectives of this workshop are to:

1. Develop participants' knowledge about how teachers engage in design
2. Present participants with an evidence-based model that supports teacher design thinking
3. Provide participants an opportunity to use a teacher design thinking model to make a start at developing their own teaching program
4. Provide participants the opportunity to reflect on the experience of using the design thinking model and provide feedback on how it could be enhanced and used in practice.

Intended audience:

Teachers and teacher educators who have some experience developing teaching programs (units of work).

Duration:

3 hours

Outline of workshop content:

- Welcome and introductions
- Group discussion: Participants share their experience of design
- Presentation: What we know about how teachers design from the research
- Presentation: Teacher Design Thinking Model
- Teacher Design Time
- Group discussion: Reflection on using the model
- Group discussion: Suggestions for improving and using the model

Presenters

The workshop will be facilitated by a team of researchers located at the University of Technology Sydney and the University of Wollongong who have been investigating school and university teacher design practice, teachers' and students' technology practices.

Professor Lori Lockyer (UTS); A/Professor Shirley Agostinho (UOW); Professor Sue Bennett (UOW); Dr Melinda Plumb (UTS/UOW); PhD candidate Lauren Knussen (UTS).

Participants should bring:

(1) an idea for a teaching program/unit of work that they would like to design (2) resources that they routinely use in when developing teaching programs (e.g., laptop, teaching resources in electronic form).