Making the 21st century classroom come true
Our vision of the 21st Century classroom is that of a technology- and data-rich environment where teachers are supported in continuously and collaboratively innovating the use of ICT for formative classroom assessment, while students engage in a wide scope of relevant learning activities and assessments, in and beyond the classroom walls.

Our goals are to:

- Articulate a conceptual framework for designing and implementing methods that can be used to formatively assess ICT-enhanced learning and to negotiate the assessment process amongst stakeholders.

- Provide resources and ICT support for teachers and students to develop learning activities and appraisal methods appropriate for 21st Century learning based on this conceptual framework.

- Provide IT support so that teachers and students have available nuanced information in a format that is supportive of decision making, thus optimizing levels of stimulation, challenge, and feedback.

- Increase a school’s capacity for data-driven decision making by means of leadership development, including ICT support for the strategic planning of teachers’ professional development.

- Foster in-service teachers’ professional development by providing new methods and tools for learning from students’ learning and for learning from peers’ teaching.
NEXT-TELL realizes a holistic approach to school ICT innovation, providing method and tool support on three levels:

**Pedagogical interactions**
- Formative assessment design with tool support
- Learning activity sequence design with tool support
- Integration into class- and learning management systems (e.g., Moodle), ePortfolio systems (e.g., Mahara), cloud applications (e.g., Google Docs), immersive environments (e.g., OpenSimulator)
- Provision of advanced formative assessment methods (e.g., cbKST, RPT, ENA), including assessment of video materials
- Learning activity tracking, and knowledge level tracking using an Open Learner Model approach
- Support for teacher:student, student:student, and teacher:parent communication

**Teachers’ research on students’ learning and on pedagogical innovations**
- Mixed-methods inquiry methodology
- Research workflow planning tool
- Continuous analytics on learning activities and Open Learner Models

**School leadership**
- Balanced Scorecard methodology for ICT alignment
- Strategic planning support tool
- Teaching staff certification methodology and tool support
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