

## Outcomes

### Improving literacy, enhancing language usage, and imparting 21st Century skills

Technology has transformed the ways in which we live, work, play and learn, where people access, use and create information very differently from the way they did in previous decades. Students of the 21st Century need new skills to be able to live and work in a technology-infused, global knowledge society, and education plays a critical and ever-increasing important role in developing these skills.

### 21st Century Skills . . . . .



It is paramount that students master these same skills in order to live and work in a globally-oriented 21st-Century knowledge-based society, and educators are encouraged to adjust their strategies to allow students to develop these skills that will enable them to thrive in today's global and interdependent world. Educational institutions and systems play a critical role in supporting the environments needed to develop these skills in young people, and the focus of our activities lie on forging partnerships that will create knowledge-building classrooms. Additionally, we work to promote professional development opportunities in knowledge-building methodology and assessments for teachers and administrators, and nurture relationships for collaborative learning environments locally and world-wide.

- ✓ Creativity and Innovation
- ✓ Critical Thinking, Problem Solving, Decision Making
- ✓ Learning to Learn, Metacognition Ways of Working
- ✓ Communication
- ✓ Collaboration (Teamwork)
- ✓ Tools for Working
- ✓ Information Literacy
- ✓ ICT Literacy
- ✓ Living in the World
- ✓ Citizenship - Local and Global
- ✓ Life and Career
- ✓ Personal / Social Responsibility

**21st  
Century  
Skills**

Knowledge building motivates learning to learn, cooperate and collaborate. Proven results of knowledge building and the effectiveness of knowledgeware and virtual platforms show new and distinctive features developing solutions to cope with challenges common in the field of education across several countries. Research shows that students succeed when allowed to pose their own questions, test ideas, explain their theories, and collaborate on solutions. The quality of scientific discourse increases, communication of concepts improves, and skills learned on-line transfer to off-line activities. Knowledgeware designed and built on the basis of this research, helps classrooms become academic communities whose purpose is to nurture ideas, promote sustained inquiry, and build new knowledge. Flexible methodology easily adapts knowledge building to current educational systems, incorporates democratic principles into the process of learning and uses cognitive tools.