2017 NMC Technology Outlook > Nordic Schools at a Glance

Key Trends Accelerating Technology Adoption in Nordic Schools

**Short-Term** Driving technology adoption in Nordic schools over the next one to two years
- Expansion of Digital Tests
- Rise of STEAM Learning
- Students as Creators

**Mid-Term** Driving technology adoption in Nordic schools over the next three to five years
- Blended Learning Designs
- Coding as a Literacy
- Redesigning Learning Spaces

**Long-Term** Driving technology adoption in Nordic schools for five or more years
- Advancing Cultures of Innovation
- Changes in Methods of Assessment
- Rethinking How Schools Work

Significant Challenges Impeding Technology Adoption in Nordic Schools

**Solvable** *Those which we both understand and know how to solve*
- Blending Formal and Informal Learning
- Gaps Between Technology and Pedagogy
- Integrating Technology in Teacher Education

**Difficult** *Those we understand but for which solutions are elusive*
- Advancing Digital Equity
- Balancing Connected and Unconnected Life
- Major Changes in School Culture and Infrastructure

**Wicked** *Those that are complex to even define, much less address*
- Achievement Gap
- Creating Systemic Policy and Synergies for Better Learning
- Teaching Complex Thinking

Important Developments in Educational Technology for Nordic Schools

**Time-to-Adoption Horizon: One Year or Less**
- 3D Printing
- Games and Gamification
- Makerspaces
- Mobile Learning

**Time-to-Adoption Horizon: Two to Three Years**
- Adaptive Learning Technologies
- Artificial Intelligence
- Mixed Reality
- Robotics

**Time-to-Adoption Horizon: Four to Five Years**
- Speech-to-Speech Translation
- Virtual and Remote Laboratories
- Virtual Assistants
- Wearable Technology

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