

Technology Standards and Performance Indicators for Teachers

The ISTE National Educational Technology Standards for Teachers (NETS•T), which focus on preservice teacher education, define the fundamental concepts, knowledge, skills, and attitudes for applying technology in educational settings. All candidates seeking certification or endorsements in teacher preparation should meet these educational technology standards. It is the responsibility of faculty across the university and at cooperating schools to provide opportunities for teacher candidates to meet these standards.

Performance indicators for each standard provide specific outcomes to be measured when developing a set of assessment tools. The six standards areas with performance indicators on the facing page are designed to be general enough to be customized to fit state, university, or district guidelines and yet specific enough to define the scope of the topic. The standards and the performance indicators also provide guidelines for teachers currently in the classroom.

THE EVOLUTION OF ISTE TECHNOLOGY STANDARDS

ISTE Technology Standards for Teachers have provided a framework for implementing technology in teaching and learning that has been widely used in universities, state departments of education, and school districts across the nation. This document includes the third revision in the evolutionary development of the standards.

1993

First Edition—ISTE Technology Standards for All Teachers adopted, 13 indicators

1997

Second Edition—ISTE Technology Standards for All Teachers, 18 indicators organized into the following three categories:

1. Basic Computer/Technology Operations and Concepts
2. Personal and Professional Use of Technology
3. Application of Technology in Instruction

2000

For standards to continue to be useful, changes in the standards topics and organization must reflect alignment with the ISTE National Educational Technology Standards for Students (NETS•S), research on teaching and learning with technology, and advances in technology. The third edition expands the three previous categories into six categories. These include breaking the Application of Technology in Instruction category into the areas of planning, implementing, and assessing, while adding a category on the social, ethical, legal, and human issues related to technology use.

Third Edition—ISTE *National Educational Technology Standards for Teachers* (NETS•T), 23 indicators organized into the following six categories:

- I. Technology Operations and Concepts
- II. Planning and Designing Learning Environments and Experiences
- III. Teaching, Learning, and Curriculum
- IV. Assessment and Evaluation
- V. Productivity and Professional Practice
- VI. Social, Ethical, Legal, and Human Issues