

National Educational Technology Standards for Teachers

- I. **TECHNOLOGY OPERATIONS AND CONCEPTS.**
Teachers demonstrate a sound understanding of technology operations and concepts. Teachers:
 - A. demonstrate introductory knowledge, skills, and understanding of concepts related to technology (as described in the ISTE National Education Technology Standards for Students)
 - B. demonstrate continual growth in technology knowledge and skills to stay abreast of current and emerging technologies.
- II. **PLANNING AND DESIGNING LEARNING ENVIRONMENTS AND EXPERIENCES.**
Teachers plan and design effective learning environments and experiences supported by technology.
Teachers:
 - A. design developmentally appropriate learning opportunities that apply technology-enhanced instructional strategies to support the diverse needs of learners.
 - B. apply current research on teaching and learning with technology when planning learning environments and experiences.
 - C. identify and locate technology resources and evaluate them for accuracy and suitability.
 - D. plan for the management of technology resources within the context of learning activities.
 - E. plan strategies to manage student learning in a technology-enhanced environment.
- III. **TEACHING, LEARNING, AND THE CURRICULUM.**
Teachers implement curriculum plans that include methods and strategies for applying technology to maximize student learning. Teachers:
 - A. facilitate technology-enhanced experiences that address content standards and student technology standards.
 - B. use technology to support learner-centered strategies that address the diverse needs of students.
 - C. apply technology to develop students' higher order skills and creativity.
 - D. manage student learning activities in a technology-enhanced environment.
- IV. **ASSESSMENT AND EVALUATION.**
Teachers apply technology to facilitate a variety of effective assessment and evaluation strategies.
Teachers:
 - A. apply technology in assessing student learning of subject matter using a variety of assessment techniques.
 - B. use technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and maximize student learning.
 - C. apply multiple methods of evaluation to determine students' appropriate use of technology resources for learning, communication, and productivity.
- V. **PRODUCTIVITY AND PROFESSIONAL PRACTICE.**
Teachers use technology to enhance their productivity and professional practice. Teachers:
 - A. use technology resources to engage in ongoing professional development and lifelong learning.
 - B. continually evaluate and reflect on professional practice to make informed decisions regarding the use of technology in support of student learning.
 - C. apply technology to increase productivity.
 - D. use technology to communicate and collaborate with peers, parents, and the larger community in order to nurture student learning.
- VI. **SOCIAL, ETHICAL, LEGAL, AND HUMAN ISSUES.**
Teachers understand the social, ethical, legal, and human issues surrounding the use of technology in PK-12 schools and apply those principles in practice. Teachers:
 - A. model and teach legal and ethical practice related to technology use.
 - B. apply technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.
 - C. identify and use technology resources that affirm diversity
 - D. promote safe and healthy use of technology resources.
 - E. facilitate equitable access to technology resources for all students.