

National Educational Technology Standards for Teachers

<http://cnets.iste.org/teachers/>

NETS*Teachers	Integration Ideas
<p>I. TECHNOLOGY OPERATIONS & CONCEPTS. <i>Teachers demonstrate a sound understanding of technology operations and concepts.</i></p> <p>A. Teachers demonstrate introductory knowledge, skills, and understanding of concepts related to technology (as described in the ISTE National Education Technology Standards for Students)</p> <p>B. Teachers demonstrate continual growth in technology knowledge and skills to stay abreast of current and emerging technologies.</p>	
<p>II. PLANNING AND DESIGNING LEARNING ENVIRONMENTS AND EXPERIENCES. <i>Teachers plan and design effective learning environments and experiences supported by technology.</i></p> <p>A. Teachers design developmentally appropriate learning opportunities that apply technology-enhanced instructional strategies to support the diverse needs of learners.</p> <p>B. Teachers apply current research on teaching and learning with technology when planning learning environments and experiences.</p> <p>C. Teachers identify and locate technology resources and evaluate them for accuracy and suitability.</p> <p>D. Teachers plan for the management of technology resources within the context of learning activities.</p> <p>E. Teachers plan strategies to manage student learning in a technology-enhanced environment.</p>	
<p>III. TEACHING, LEARNING, AND THE CURRICULUM. <i>Teachers implement curriculum plans, that include methods and strategies for applying technology to maximize student learning.</i></p> <p>A. Teachers facilitate technology-enhanced experiences that address content standards and student technology standards.</p> <p>B. Teachers use technology to support learner-centered strategies that address the diverse needs of students.</p> <p>C. Teachers apply technology to develop students' higher order skills and creativity.</p> <p>D. Teachers manage student learning activities in a technology-enhanced environment.</p>	

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<p>IV. ASSESSMENT AND EVALUATION. <i>Teachers apply technology to facilitate a variety of effective assessment and evaluation strategies.</i></p> <p>A. Teachers apply technology in assessing student learning of subject matter using a variety of assessment techniques.</p> <p>B. Teachers use technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and maximize student learning.</p> <p>C. Teachers apply multiple methods of evaluation to determine students' appropriate use of technology resources for learning, communication, and productivity.</p>	
<p>V. PRODUCTIVITY AND PROFESSIONAL PRACTICE. <i>Teachers use technology to enhance their productivity and professional practice.</i></p> <p>A. Teachers use technology resources to engage in ongoing professional development and lifelong learning.</p> <p>B. Teachers continually evaluate and reflect on professional practice to make informed decisions regarding the use of technology in support of student learning.</p> <p>C. Teachers apply technology to increase productivity.</p> <p>D. Teachers use technology to communicate and collaborate with peers, parents, and the larger community in order to nurture student learning.</p>	
<p>VI. SOCIAL, ETHICAL, LEGAL, AND HUMAN ISSUES. <i>Teachers understand the social, ethical, legal, and human issues surrounding the use of technology in PK-12 schools and apply those principles in practice.</i></p> <p>A. Teachers model and teach legal and ethical practice related to technology use.</p> <p>B. Teachers apply technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.</p> <p>C. Teachers identify and use technology resources that affirm diversity</p> <p>D. Teachers promote safe and healthy use of technology resources.</p> <p>E. Teachers facilitate equitable access to technology resources for all students.</p>	