



## Survey Library

# Profile for Technology Literate Teachers (Professional Preparation Performance Profile)

To live, learn, and work successfully in an increasingly complex and information rich society, students and teachers must use technology effectively. Prospective teachers must experience and observe effective uses of technology in professional preparation coursework. This survey captures what a student exiting a professional preparation teacher education program should know and be able to do related to the National Education standards and performance indicators. Please complete the survey below by selecting one of the choices about each of the technology related indicators. A 5 means that you are very knowledgeable and willing to teach others a particular skill, whereas a 2 means that you have an awareness of this skill or topic, but are not currently using this in your practice. A 1 indicates that you have had no exposure to this topic. (Based on ISTE)

### Technology Operations and Concepts

1. Identify the benefits of technology to maximize student learning and facilitate higher order thinking skills. (NETS I, III)

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2. Identify technology resources available in schools and analyze how accessibility to those resources affects planning for instruction. (NETS I, II)

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3. Identify, select, and use hardware and software technology resources specially designed for use by PK-12 students to meet specific teaching and learning objectives. (NETS I, II)

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### Planning & Designing Learning Environments

4. Differentiate between appropriate and inappropriate uses of technology for teaching and learning while using electronic resources to design and implement learning activities. (NETS II, III, V, VI)

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5. Plan for management of electronic instructional resources within a lesson designed by identifying potential problems and planning for solutions. (NETS II)

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6. Design and teach technology-enriched learning activities that connect content standards with student technology standards and meet the diverse needs of students. (NETS II, III, IV, V)

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### Teaching, Learning, and the Curriculum

7. Identify specific technology applications and resources that maximize student learning, address learner needs, and affirm diversity. (NETS III, VI)

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8. Plan and teach student-centered learning activities and lessons in which students apply technology tools and resources. (NETS II, III)

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9. Design and peer teach a lesson that meets content area standards and reflects the current best practices in

teaching and learning with technology. (NETS II, III)

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### Assessment and Evaluation

**10.** Research and evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of electronic information resources to be used by students. (NETS II, IV, V, VI)

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**11.** Discuss technology-based assessment and evaluation strategies. (NETS IV)

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**12.** Examine multiple strategies for evaluating technology-based student products and the processes used to create those products. (NETS IV)

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**13.** Examine technology tools used to collect, analyze, interpret, represent, and communicate student performance data. (NETS I, IV)

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**14.** Integrate technology-based assessment strategies and tools into plans for evaluating specific learning activities. (NETS IV)

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### Productivity and Professional Practice

**15.** Develop a portfolio of technology-based products from coursework, including the related assessment tools. (NETS IV, V)

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**16.** Identify and engage in technology-based opportunities for professional education and lifelong learning, including the use of distance education. (NETS V)

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**17.** Apply online and other technology resources to support problem solving and related decision making for maximizing student learning. (NETS III, V)

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**18.** Participate in online professional collaborations with peers and experts. (NETS III, V)

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**19.** Use technology productivity tools to complete required professional tasks. (NETS V)

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### Social, Ethical, Legal, and Human Issues

**20.** Identify technology-related legal and ethical issues, including copyright, privacy, and security of technology systems, data, and information. (NETS VI)

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**21.** Examine acceptable use policies for the use of technology in schools, including strategies for addressing threats to security of technology systems, data, and information. (NETS VI)

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**22.** Identify issues related to equitable access to technology in school, community, and home environments. (NETS, VI)

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**23.** Identify safety and health issues related to technology use in schools. (NETS VI)

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**24.** Identify and use assistive technologies to meet the special physical needs of students. (NETS VI)

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