



## Survey Library

### Profile for Technology-Literate Teachers (General Preparation)

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 general education coursework. This survey captures what a student exiting a general 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. Demonstrate a sound understanding of the nature and operation of technology systems. (NETS I)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

2. Demonstrate proficiency in the use of common input and output devices; solve routine hardware and software problems; make informed choices about technology systems, resources, and services. (NETS I)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

3. Use technology tools and information resources to increase productivity, promote creativity, and facilitate academic learning. (NETS I, III, IV, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

#### Teaching, Learning and the Curriculum

4. Use content-specific tools (e.g. software, simulation, environmental probes, graphing calculators, exploratory environments, Web tools) to support learning and research (NETS I, III, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

5. Use technology resources to facilitate higher order and complex thinking skills, including problem solving, critical thinking, informed decision making, knowledge construction, and creativity. (NETS I, III, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

6. Use technology in the development of strategies for solving problems in the real world. (NETS I, III, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

#### Assessment and Evaluation

7. Use technology to locate, evaluate and collect information from a variety of sources. (NETS I, IV, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

8. Use technology tools to process data and report results. (NETS I, III, IV, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

9. Evaluate and select new information resources and technological innovations based on their appropriateness to specific tasks. (NETS I, III, IV, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

**Productivity and Professional Practice**

10. Collaborate in constructing technology-enhanced models, preparing publications, and producing other creative works using productivity tools. (NETS I, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

11. Observe and experience the use of technology in their major field of study. (NETS III, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

12. Use technology tools and resources for managing and communicating information (e.g., finances, schedules, addresses, purchases, correspondence) (NETS I, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

13. Use a variety of media and formats, including telecommunications to collaborate, publish, and interact with peers, experts, and other audiences. (NETS I, V)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

14. Exhibit positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity. (NETS V, VI)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

**Social, Ethical, Legal and Human Issues**

15. Demonstrate an understanding of the legal, ethical, cultural and societal issues related to technology. (NETS VI)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

16. Discuss diversity issues related to electronic media. (NETS I, VI)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others

17. Discuss the health and safety issues related to technology use. (NETS VI)

- No opportunity for exposure
- I am aware but do not use this in my practice
- I am literate and integrate some of the indicators
- I integrate this into my teaching
- I am able to teach others