

NETS FOR TEACHERS

Online Training Content Library

Education Technology Standards and Performance Indicators for All Teachers

The ISTE National Educational Technology Standards for Teachers (NETS•T), developed by the International Society for Technology in Education (ISTE) and being adopted by the National Council for Accreditation of Teacher Education (NCATE), defines 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 at cooperating schools to provide opportunities for teacher candidates to meet these standards.

The six standards areas contain performance indicators that provide specific outcomes to be measured when developing a set of assessment tools. The standards and the performance indicators also provide guidelines for teachers currently in the classroom.

This courseware library contains training designed to address the performance indicators included in NETS•T and help educators acquire the subject matter needed to meet these standards.

1. STANDARD: SECTION – Technology Operations and Concepts

approx 28 hours of training

This section contains training that has been designed to address the performance indicators outlined in the first standards area, Technology Operations and Concepts, included in the National Educational Technology Standards (NETS) for Teachers. These indicators cover technology skills and concepts that help educators gain a sound understanding of basic technology operations and concepts.

A. PERFORMANCE INDICATOR: TRACK – Understand Introductory Technology Operations And Concepts

This track contains training that has been designed to address the first performance indicator in the Technology Operations and Concepts standard included in the NETS for Teachers. This indicator covers technology skills and concepts that help educators gain an introductory knowledge, skill, and understanding of basic technology operations and concepts.

COURSE – Understanding Computer Basics (38 Lessons)

This course covers fundamental skills and concepts to provide users with a background on computer basics. It covers hardware and software basics, including types of computers, computer peripherals, types of software, installing software, and operating systems. It also covers basic computer operations, such as navigating through windows, working on the Desktop, file management, power protection, troubleshooting, and changing system settings like the computer's date and time. Finally, the course examines the pros and cons of computer networking, as well as the roles that computers play in our everyday lives.

LESSONS

- ▶ Look At Computer Types
- ▶ Recognize System Components
- ▶ Examine The Computer
- ▶ Identify Input Devices
- ▶ Identify Output Devices
- ▶ Examine Storage Formats
- ▶ Basic Computer Troubleshooting
- ▶ Explore Power Protection
- ▶ Understand Software
- ▶ Boot The Computer
- ▶ Examine Operating Systems
- ▶ Consider Software Needs
- ▶ Examine The Desktop
- ▶ Manage Windows
- ▶ Use The Start Menu
- ▶ Examine My Computer
- ▶ Manipulate Desktop Objects
- ▶ Customize The Desktop
- ▶ Understand File Management
- ▶ Browse Through Folders
- ▶ Rename Files And Folders
- ▶ Move Files To Folders
- ▶ Copy Files To Folders
- ▶ Consider File Management
- ▶ Play Video Clips
- ▶ Work With The Control Panel And System Settings
- ▶ Install And Modify Printers
- ▶ Managing Printing And Print Jobs
- ▶ Identify And Solve Common Printing Problems
- ▶ Identify And Solve Common Problems
- ▶ Format Disks
- ▶ Install Software
- ▶ Use The Help Index
- ▶ Shut Down The System
- ▶ Realize The Expansive Role Computers Play
- ▶ Examine The Benefits Of Computers And The Internet
- ▶ Understand Computer Networks
- ▶ Explore The Benefits And Risks Of Networked Computing

COURSE – Understanding Word Processors (25 Lessons)

This course covers fundamental skills and concepts relating to word processors. Specifically, it looks at common word processing functions, such as opening and closing documents; closing the application; navigating and switching between open documents; creating new documents; entering text; selecting text; cutting, pasting, and copying text; changing font characteristics; printing; saving; and accessing Help. Microsoft Office Word is used in these demonstrations, so users will become familiar with its working screen. As well, the benefits of using newsletters in the classroom is examined.

LESSONS

- ▶ Understand Word Processors
- ▶ Understand The Working Screen
- ▶ Understand Common Elements
- ▶ Open Documents
- ▶ Switch Between Open Documents
- ▶ Navigate Documents
- ▶ Cut And Paste Text
- ▶ Use The Undo, Redo, And Repeat Commands
- ▶ Use Save As
- ▶ Understand Fonts
- ▶ Change Fonts
- ▶ Align Text



LESSONS *(continued)*

- ▶ Close Documents And The Application
- ▶ Create New Documents
- ▶ Save Documents
- ▶ Entering Text In Word
- ▶ Select And Replace Text
- ▶ Delete Text
- ▶ Copy And Paste Text
- ▶ Format Text
- ▶ Set Left And Right Indents
- ▶ Preview Documents
- ▶ Examine The Print Dialog Box
- ▶ Examine The Help Task Pane
- ▶ Why Use Newsletters?

COURSE - Understanding Spreadsheet Applications (29 Lessons)

This course covers fundamental skills and concepts relating to spreadsheet applications. It examines how spreadsheets can be beneficial for educational and administrative purposes and familiarizes users with the Microsoft Office Excel window. Furthermore, users will learn how to enter and edit data; insert and delete cells, columns, rows, and worksheets; wrap text; add borders and shading; and print selections, worksheets, and entire workbooks. Also covered is how to save time by using the fill feature to automatically enter data, and by using formulas and functions that perform calculations for you.

LESSONS

- ▶ Understand Spreadsheet Programs
- ▶ Why Use Spreadsheets?
- ▶ Examine The Excel Window
- ▶ View Worksheets
- ▶ Go To Specific Cells
- ▶ Enter Cell Content
- ▶ Edit Cell Content
- ▶ Insert And Delete Cells
- ▶ Insert And Delete Columns And Rows
- ▶ Fill A Series
- ▶ Understand Formulas
- ▶ Understand Cell References
- ▶ Use Cell References In Formulas
- ▶ Understand Functions
- ▶ Build Functions
- ▶ Create Minimum Functions
- ▶ Create Maximum Functions
- ▶ Understand The Importance Of Checking And Interpreting Data
- ▶ Understanding Lists
- ▶ Wrap Text Within Cells
- ▶ Apply Shading
- ▶ Apply Cell Borders
- ▶ Insert And Delete Worksheets
- ▶ Understand Printing
- ▶ Change Page Orientation And Scaling
- ▶ Select Print Options
- ▶ Set, Print, And Clear Print Areas
- ▶ Print Selections
- ▶ Print Worksheets And Workbooks

COURSE - Understanding Presentation, Database, And Graphics Applications (22 Lessons)

This course covers fundamental skills and concepts relating to presentation, database, and graphics applications. While exploring presentations, the course demonstrates how to create and navigate presentations; edit and format text; apply design templates; add, delete, copy, and move slides; add bullets and numbered lists; and print. It also covers slide layouts, notes, handouts, and how presentations are useful in the classroom. The course also looks at database programs and how they can aid in the education realm, as well as discusses the basics about graphics programs, multimedia programs, and graphic organizers.

LESSONS

- ▶ Understand Presentation Programs
- ▶ Why Create Electronic Presentations?
- ▶ Examine The PowerPoint Window
- ▶ Navigate Through Presentations
- ▶ Create Presentations Manually
- ▶ Understand Slide Layouts
- ▶ Edit And Format Text In Presentations
- ▶ Understand Bullets
- ▶ Add Bullets
- ▶ Demote And Promote Text In The Slide Pane
- ▶ Understand PowerPoint Templates
- ▶ Apply Design Templates
- ▶ Add Slides To Presentations
- ▶ Format Slides With Numbered Lists
- ▶ Delete Slides
- ▶ Copy And Move Slides In Slide Sorter View
- ▶ Explore Notes And Handouts
- ▶ Print Presentations
- ▶ Understand Database Programs
- ▶ Why Use Databases?
- ▶ Understand Graphic And Multimedia Programs
- ▶ Understand Graphic Organizers

COURSE - Examining the Internet, Web Pages, And E-mail (21 Lessons)

This course covers fundamental skills and concepts relating to the Internet and two of its main features, namely, the Web and e-mail. Users will learn about Web browsers with Internet Explorer used as an example to demonstrate skills; how Internet connections are made; Web site types and addresses; Internet safety and privacy concerns; navigating through Web pages; saving favorite pages; visiting recently viewed pages; instant messaging; printing pages; downloading files; and accessing Help. In addition, search engines will be discussed, and users will learn how to run effective keyword searches. The course also discusses how Web pages are useful in education, as well as the fundamentals of building Web pages. Finally, users will learn how to create their own e-mail accounts, as well as log in and read their messages.

LESSONS

- ▶ Examine The World Wide Web
- ▶ Learn How To Connect To The Internet
- ▶ Look At Web Browsers
- ▶ Examine Web Site Types And Web Addresses
- ▶ Look At Internet Privacy, Protection, And Security
- ▶ Look At Internet Explorer
- ▶ Use The Standard Buttons Bar
- ▶ Change Your Home Page
- ▶ Create Favorites
- ▶ Look At MSN Messenger
- ▶ Use Internet Explorer Help
- ▶ Understand Search Engines And Search Strategies
- ▶ Search Using Keywords And Boolean Techniques
- ▶ Use Internet Explorer History
- ▶ Print Hard Copies Of Web Pages
- ▶ Download Files
- ▶ Why Create A Web Page?
- ▶ Understand How To Build Web Pages
- ▶ Understand E-mail
- ▶ Create E-mail Accounts
- ▶ Log In And Read E-mail Messages

COURSE - Preparing For Technology Integration (16 Lessons)

This course discusses basic concepts that will help users prepare for integration of technology in the classroom. Included in the discussion are what is meant by integrating technology, how technology helps educators behind the scenes, the need for integration, benefits of technology by subject, and different types of lesser-known technology. Problem solving with technology is also covered, emphasizing how educators can use technology to help teach what is known as 21st century literacies, as well as promote critical thinking and lifelong skills. Responsible use of technology is discussed as well, emphasizing how to secure data, computers, and the privacy of students, along with other safety concerns.

LESSONS

- ▶ Understand Integrating Technology In The Classroom
- ▶ Examine Integrating Technology Behind The Scenes
- ▶ Identify The Need For Technology Integration
- ▶ Examine Benefits Of Technology Integration By Subject
- ▶ Look At Available Types Of Technology
- ▶ Teach Responsible Use Of Technology
- ▶ Observe Good Legal Internet Practices
- ▶ Exercise Safe Computer Practices
- ▶ Protect Computer Data
- ▶ Understand Utility Programs
- ▶ Understand 21st Century Literacies
- ▶ Define The Nature Of A Problem
- ▶ Define The Nature Of Technology
- ▶ Use Technology To Define The Scope And Boundary Of Problems
- ▶ Research Problems And Solutions
- ▶ Evaluate Information Regarding Problems And Solutions

B. PERFORMANCE INDICATOR: TRACK – Demonstrate Growth In Technology Knowledge And Skills

This track contains training that has been designed to address the second performance indicator in the Technology Operations and Concepts standard included in the NETS for Teachers. This indicator addresses the need for teachers to demonstrate continual growth in technology and to stay abreast of current and emerging technologies.

COURSE - Demonstrating Growth In Technology Knowledge And Skills (14 Lessons)

This course reflects the importance of staying on top of the newest innovations in technology and how educators should always remain active learners. It covers some Internet communication technologies that some educators might not be as familiar with, including video conferencing, virtual meetings, chat rooms, discussion boards, blogs, and telecollaborative projects. The course also explores where to go in order to find the latest research on teaching with technology and how to go about determining whether technologies suit your classroom needs.

LESSONS

- ▶ Realize The Expansive Role Computers Play
- ▶ Look At Available Types Of Technology
- ▶ Look At Internet Video Conferencing
- ▶ Examine Virtual Meetings
- ▶ Communicate Through Chat Rooms
- ▶ Explore Discussion Boards
- ▶ Look At Blogs
- ▶ Understand Telecollaborative Projects
- ▶ Look At Online Mentoring
- ▶ Identify Technology Evaluation Resources
- ▶ Establish Whether Particular Technologies Suit Your Needs
- ▶ Evaluate And Select Instructional Software
- ▶ Determine Required Skills For Lessons Or Units
- ▶ Examine Tools For Evaluating The Effectiveness Of Technology Integration

2 STANDARD: SECTION – Planning And Designing Learning Environments And Experiences *approx. 14 hours of training*

This section contains training that has been designed to address the performance indicators outlined in the second standards area, Planning and Designing Learning Environments and Experiences, included in the National Educational Technology Standards (NETS) for Teachers. These indicators cover ways in which teachers can plan and design effective learning environments and experiences supported by technology.

A. PERFORMANCE INDICATOR: TRACK – Design Learning Opportunities Using Technology-enhanced Strategies

This track contains training that has been designed to address the first performance indicator in the Planning and Designing Learning Environments and Experiences standard included in the NETS for Teachers. This indicator addresses the need for teachers to design learning opportunities that apply technology-enhanced strategies to support the diverse needs of learners.

COURSE – Designing Learning Opportunities Using Technology-enhanced Strategies (17 Lessons)

This course discusses how developmentally appropriate learning experiences can be designed with the help of technology. It emphasizes supporting the needs of students who require special attention, including those who are developmentally challenged or disabled. Assistive technologies, including communication, computer access, hearing, vision, and special education aids are explored. In addition, the course looks at how technology helps reach students with diverse learning styles and helps facilitate different learning methods and learning theories. It also covers how to select appropriate instructional software with all such needs in mind.

LESSONS

- ▶ Identify The Need For Technology Integration
- ▶ Use Technology To Reach All Intelligence Types
- ▶ Evaluate And Select Instructional Software
- ▶ Use Technology In Grades K-5 Language Arts
- ▶ Use Technology In Grades 6-8 Language Arts
- ▶ Use Technology In Grades 9-12 Language Arts
- ▶ Use Technology In Grades K-5 Social Studies
- ▶ Use Technology In Grades 6-8 Social Studies
- ▶ Use Technology In Grades 9-12 Social Studies
- ▶ Examine Ways To Integrate Technology In The Classroom
- ▶ Examine How Technology Can Affect Learning Methods
- ▶ Explore Technology In Relation To Learning Theories
- ▶ Understand Assistive Technology
- ▶ Explore Communication Aids
- ▶ Look At Computer Access Aids
- ▶ Examine Hearing And Vision Aids
- ▶ Examine Special Education Technology



B. PERFORMANCE INDICATOR: TRACK – Apply Current Research On Teaching And Learning With Technology

This track contains training that has been designed to address the second performance indicator in the Planning and Designing Learning Environments and Experiences standard included in the NETS for Teachers. This indicator addresses the need for teachers to apply current research on teaching and learning with technology when planning learning environments.

COURSE – Applying Current Research On Teaching And Learning With Technology (17 Lessons)

This course focuses on the need to apply current research on teaching and learning with technology when designing learning environments and experiences. It discusses several current technologies to help educators with this agenda and suggests several resources that educators can consult in order to stay current on new technologies and research. The course also goes over research regarding the ways in which technology affects learning methods and relates to learning theories, as well as ways in which technology can be used to reach diverse learners. Users will learn questions to ask when determining what technologies to incorporate, along with questions that can help them assess whether the technologies they've used were appropriate.

LESSONS

- ▶ Use Technology To Reach All Intelligence Types
- ▶ Understand 21st Century Literacies
- ▶ Explore Online Education Portals
- ▶ Look At Internet Video Conferencing
- ▶ Examine Virtual Meetings
- ▶ Communicate Through Chat Rooms
- ▶ Explore Discussion Boards
- ▶ Look At Blogs
- ▶ Search For Educational Blogs
- ▶ Examine How Technology Can Affect Learning Methods
- ▶ Examine Benefits Of Technology Integration By Subject
- ▶ Explore Technology In Relation To Learning Theories
- ▶ Identify Technology Evaluation Resources
- ▶ Establish Whether Particular Technologies Suit Your Needs
- ▶ Evaluate And Select Instructional Software
- ▶ Determine Required Skills For Lessons Or Units
- ▶ Examine Tools For Evaluating The Effectiveness Of Technology Integration

C. PERFORMANCE INDICATOR: TRACK – Identify, Locate, And Evaluate Technology Resources

This track contains training that has been designed to address the third performance indicator in the Planning and Designing Learning Environments and Experiences standard included in the NETS for Teachers. This indicator addresses the need for teachers to identify and locate technology resources and evaluate them for accuracy and suitability.

COURSE – Identifying, Locating, And Evaluating Technology Resources (9 Lessons)

This course identifies technology resources, such as blogs and education portals, that educators may want to use when designing learning activities. Further, it looks at resources that help evaluate technologies so that educators may better determine whether the technologies suit their teaching needs. The course also guides educators in planning lessons that use technology and in evaluating whether their technology integration efforts have been successful.

LESSONS

- ▶ Look At Available Types Of Technology
- ▶ Look At Blogs
- ▶ Explore Online Education Portals
- ▶ Identify Technology Evaluation Resources
- ▶ Evaluate And Select Instructional Software
- ▶ Learn How To Evaluate Educational Web Resources
- ▶ Establish Whether Particular Technologies Suit Your Needs
- ▶ Plan Lessons With Technology
- ▶ Examine Tools For Evaluating The Effectiveness Of Technology Integration

D. PERFORMANCE INDICATOR: TRACK – Plan For The Management Of Technology Resources

This track contains training that has been designed to address the fourth performance indicator in the Planning and Designing Learning Environments and Experiences standard included in the NETS for Teachers. This indicator addresses the need for teachers to plan the management of technology resources for learning activities.

COURSE – Planning For The Management Of Technology Resources (12 Lessons)

This course suggests strategies to help users plan ways to manage the technology they want to use in their lesson plans and units. Examples of different ways in which technology might be brought into the learning environment are given, including a discussion on centers. It also covers how educators can plan for unexpected or new situations inherent to technology integration. In addition, the course suggests and discusses designing curriculum pages and Web scavenger hunts as a way of managing student use of the Internet so as to decrease their chances of accessing inappropriate material.

LESSONS

- ▶ Look At Different Integration Strategies
- ▶ Consider Centers
- ▶ Evaluate And Select Instructional Software
- ▶ Plan Lessons With Technology
- ▶ Determine Required Skills For Lessons Or Units
- ▶ Explore Curriculum Pages
- ▶ Examine Ways To Integrate Technology In The Classroom
- ▶ Establish Whether Particular Technologies Suit Your Needs
- ▶ Create Curriculum Pages
- ▶ Design Web Scavenger Hunts
- ▶ Plan For New Situations Arising From Technology Integration
- ▶ Look At Internet Privacy, Protection, And Security

E. PERFORMANCE INDICATOR: TRACK – Plan Strategies To Manage Student Learning

This track contains training that has been designed to address the fifth performance indicator in the Planning and Designing Learning Environments and Experiences standard included in the NETS for Teachers. This indicator addresses the need for teachers to plan strategies to manage student learning in a technology-enhanced environment.

COURSE – Planning Classroom Activities That Use Technology (20 Lessons)

This course assists in planning classroom activities and lessons that use technology to help students learn. It offers examples of developmentally appropriate activities, covering all grade levels. It also touches on how to select instructional software and how educators can plan to use Web pages, spreadsheets, and newsletters as teaching and administrative aids. The course also covers how computer networks can help manage classroom learning, such as by allowing for collaboration. In addition, it teaches how to teach students to be responsible users of technology.

LESSONS

- ▶ Look At Different Integration Strategies
- ▶ Examine Ways To Integrate Technology In The Classroom

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LESSONS *(continued)*

- ▶ Look At Different Integration Strategies
- ▶ Consider Centers
- ▶ Evaluate And Select Instructional Software
- ▶ Understand Graphic Organizers
- ▶ Why Create A Web Page?
- ▶ Why Use Spreadsheets?
- ▶ Why Use Newsletters?
- ▶ Look At Revision Tools
- ▶ Plan Lessons With Technology
- ▶ Use Technology In Grades K-5 Language Arts
- ▶ Use Technology In Grades 6-8 Language Arts
- ▶ Use Technology In Grades 9-12 Language Arts
- ▶ Use Technology In Grades K-5 Social Studies
- ▶ Use Technology In Grades 6-8 Social Studies
- ▶ Use Technology In Grades 9-12 Social Studies
- ▶ Examine Ways To Integrate Technology In The Classroom
- ▶ Explore Technology In Relation To Learning Theories
- ▶ Plan For New Situations Arising From Technology Integration
- ▶ Explore The Benefits And Risks Of Networked Computing
- ▶ Teach Responsible Use Of Technology

COURSE – Planning For Classroom Use Of The Internet (10 Lessons)

This course assists in planning for effective student use of the Internet. First, it explores various modes of Internet communication that can help students access a wide variety of information and make contact with others around the world. Examples include virtual meetings, chat rooms, and blogs. The course also helps educators plan for safe and legal use of the Internet, by discussing potential issues to look out for, such as Internet hoaxes and plagiarism, and by teaching students to access and use Internet information in a safe and legal manner.

LESSONS

- ▶ Look At Internet Video Conferencing
- ▶ Examine Virtual Meetings
- ▶ Communicate Through Chat Rooms
- ▶ Explore Discussion Boards
- ▶ Look At Blogs
- ▶ Look At Internet Privacy, Protection, And Security
- ▶ Understand Cyberbullying
- ▶ Look At Internet Hoaxes
- ▶ Observe Good Legal Internet Practices
- ▶ Detect And Prevent Plagiarism

3 STANDARD: SECTION – Teaching, Learning, And The Curriculum

approx. 14 hours of training

This section contains training that has been designed to address the performance indicators outlined in the third standards area--Teaching, Learning, and the Curriculum--included in the National Educational Technology Standards (NETS) for Teachers. These indicators cover ways in which teachers can implement curriculum plans that include strategies for applying technology to maximize student learning.

A. PERFORMANCE INDICATOR: TRACK – Use Technology To Address Content And Technology Standards

This track contains training that has been designed to address the first performance indicator in the Teaching, Learning, and the Curriculum standard included in the NETS for Teachers. This indicator addresses the need for teachers to facilitate technology-enhanced experiences that address content standards and student technology standards.

COURSE – Using Technology To Address Content And Technology Standards (20 Lessons)

This course examines how technology can help educators teach content and technology standards. It offers examples of ways in which technology can be implemented into the classroom, allowing students to not only absorb and process the learning material presented to them, but also to learn how to use technology properly and effectively in the process. It covers how newsletters, spreadsheets, curriculum pages, Web scavenger hunts, and centers all serve this purpose well.

LESSONS

- ▶ Identify The Need For Technology Integration
- ▶ Understand 21st Century Literacies
- ▶ Consider Centers
- ▶ Rethink Traditional Teaching Approaches
- ▶ Plan Lessons With Technology
- ▶ Why Use Newsletters?
- ▶ Why Use Spreadsheets?
- ▶ Explore Curriculum Pages
- ▶ Create Curriculum Pages
- ▶ Design Web Scavenger Hunts
- ▶ Understand Integrating Technology In The Classroom
- ▶ Examine Ways To Integrate Technology In The Classroom
- ▶ Examine Benefits Of Technology Integration By Subject
- ▶ Use Technology In Grades K-5 Language Arts
- ▶ Use Technology In Grades 6-8 Language Arts
- ▶ Use Technology In Grades 9-12 Language Arts
- ▶ Use Technology In Grades K-5 Social Studies
- ▶ Use Technology In Grades 6-8 Social Studies
- ▶ Use Technology In Grades 9-12 Social Studies
- ▶ Create A Simulated Society

B. PERFORMANCE INDICATOR: TRACK – Use Technology To Support Learner-Centered Strategies

This track contains training that has been designed to address the second performance indicator in the Teaching, Learning, and the Curriculum standard included in the NETS for Teachers. This indicator addresses the need for teachers to use technology to support learner-centered strategies that address diverse student needs.

COURSE – Using Technology To Support Learner-Centered Strategies (12 Lessons)

This course focuses on using technology to support the diverse needs of students. Different learning styles, methods, and theories are discussed, encouraging a shift towards learner-centered rather than teacher-centered approaches. The course closes with discussions on the various special needs of students, such as those who are developmentally or physically challenged, and how to appropriately select technology for their needs, as well as those of other students.

LESSONS

- ▶ Rethink Traditional Teaching Approaches
- ▶ Evaluate And Select Instructional Software
- ▶ Understand Assistive Technology
- ▶ Explore Communication Aids
- ▶ Look At Computer Access Aids
- ▶ Examine Hearing And Vision Aids
- ▶ Understand Integrating Technology In The Classroom
- ▶ Examine Ways To Integrate Technology In The Classroom
- ▶ Examine How Technology Can Affect Learning Methods
- ▶ Explore Technology In Relation To Learning Theories
- ▶ Examine Special Education Technology
- ▶ Use Technology To Reach All Intelligence Types



C. PERFORMANCE INDICATOR: TRACK – Apply Technology To Develop Higher Order Skills And Creativity

This track contains training that has been designed to address the third performance indicator in the Teaching, Learning, and the Curriculum standard included in the NETS for Teachers. This indicator addresses the need for teachers apply technology to develop students' higher order skills and creativity.

COURSE – Applying Technology To Develop Higher Order Skills And Creativity (22 Lessons)

This course helps educators discover how using technology is an excellent way to encourage and develop students' critical thinking and creativity skills. It introduces numerous examples of activities that can be implemented in order to encourage creativity and higher order thinking. It also touches on 21st century literacies and how students can apply technology to become literate in such skills. Lastly, users will learn how technology can help in the problem solving process.

LESSONS

- ▶ Identify The Need For Technology Integration
- ▶ Understand 21st Century Literacies
- ▶ Use Technology To Reach All Intelligence Types
- ▶ Why Use Newsletters?
- ▶ Consider Centers
- ▶ Explore Discussion Boards
- ▶ Design Web Scavenger Hunts
- ▶ Plan Lessons With Technology
- ▶ Use Technology In Grades K-5 Language Arts
- ▶ Use Technology In Grades 6-8 Language Arts
- ▶ Use Technology In Grades 9-12 Language Arts
- ▶ Dramatize Literature
- ▶ Examine How Technology Can Affect Learning Methods
- ▶ ISearch A Topic
- ▶ Use Technology In Grades 9-12 Social Studies
- ▶ Create A Simulated Society
- ▶ Examine Tools For Evaluating The Effectiveness Of Technology Integration
- ▶ Define The Nature Of A Problem
- ▶ Define The Nature Of Technology
- ▶ Use Technology To Define The Scope And Boundary Of Problems
- ▶ Research Problems And Solutions
- ▶ Evaluate Information Regarding Problems And Solutions

D. PERFORMANCE INDICATOR: TRACK – Manage Learning Activities In A Technology-enhanced Environment

This track contains training that has been designed to address the fourth performance indicator in the Teaching, Learning, and the Curriculum standard included in the NETS for Teachers. This indicator addresses the need for teachers to manage student learning activities in a technology-enhanced environment.

COURSE – Managing Learning Activities That Use Technology (21 Lessons)

This course helps educators manage learning activities involving technology. It gives many examples of developmentally appropriate activities, covering all grade levels. It also looks at centers as a good way to help manage resources and students, and it examines curriculum pages and Web scavenger hunts as ways to manage classroom use of the Internet. On a more specific level, the course looks at revision tools, which can help teachers manage learning by allowing them to insert comments into and track changes made to documents. Finally, it provides suggestions to help teachers prepare for and handle unexpected technology challenges, such as printing problems.

LESSONS

- ▶ Why Use Spreadsheets?
- ▶ Look At Different Integration Strategies
- ▶ Consider Centers
- ▶ Create Curriculum Pages
- ▶ Design Web Scavenger Hunts
- ▶ Plan Lessons With Technology
- ▶ Use Technology In Grades K-5 Language Arts
- ▶ Use Technology In Grades 6-8 Language Arts
- ▶ Use Technology In Grades 9-12 Language Arts
- ▶ Dramatize Literature
- ▶ Use Technology In Grades K-5 Social Studies
- ▶ Use Technology In Grades 6-8 Social Studies
- ▶ Use Technology In Grades 9-12 Social Studies
- ▶ Examine Ways To Integrate Technology In The Classroom
- ▶ Look At Revision Tools
- ▶ Insert Comments Into Documents
- ▶ Activate The Track Changes Feature
- ▶ Check Word, Paragraph, And Character Counts
- ▶ Check Spelling And Grammar
- ▶ Plan For New Situations Arising From Technology Integration
- ▶ Identify And Solve Common Printing Problems

COURSE – Managing Student Use Of The Internet (6 Lessons)

This course assists educators in managing classroom use of the Internet. It suggests guidelines to give students to help them learn to use technology responsibly. Furthermore, Internet safety, privacy, and legal concerns are examined, and users will learn how to handle potential cases of cyberbullying, Internet hoaxes, plagiarism, and others.

LESSONS

- ▶ Teach Responsible Use Of Technology
- ▶ Understand Cyberbullying
- ▶ Look At Internet Hoaxes
- ▶ Look At Internet Privacy, Protection, And Security
- ▶ Observe Good Legal Internet Practices
- ▶ Detect And Prevent Plagiarism

4 STANDARD: SECTION – Assessment And Evaluation

approx 8 hours of training

This section contains training that has been designed to address the performance indicators outlined in the fourth standards area, Assessment and Evaluation, included in the National Educational Technology Standards (NETS) for Teachers. These indicators cover ways in which teachers can apply technology to facilitate a variety of effective assessment and evaluation strategies.

A. PERFORMANCE INDICATOR: TRACK – Apply Technology In Assessing Student Learning

This track contains training that has been designed to address the first performance indicator in the Assessment and Evaluation standard included in the NETS for Teachers. This indicator addresses the need for teachers to apply technology in assessing student learning.

COURSE – Applying Technology In Assessing Student Learning (6 Lessons)

This course explores how technology can be employed in assessing student learning, which includes but isn't limited to student work, projects, performances, and presentations. Different modes of assessment are covered, ranging from simple checklists to electronic comments to video recorders. In addition, it looks at the use of rubrics to make assessments, and demonstrates how to design a rubric using a word processing application.

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LESSONS *(continued)*

- ▶ Use Technology To Assess Work
- ▶ Create A Language Arts Rubric
- ▶ Look At Revision Tools
- ▶ Insert Comments Into Documents
- ▶ Examine The Use Of Rubrics In Social Studies Classes
- ▶ Examine Tools For Evaluating The Effectiveness Of Technology Integration

B. PERFORMANCE INDICATOR: TRACK – Use Technology To Collect, Analyze, Interpret, & Communicate Data & Results

This track contains training that has been designed to address the second performance indicator in the Assessment and Evaluation standard included in the NETS for Teachers. This indicator addresses the need for teachers to use technology to collect, analyze, interpret, and communicate data and results.

COURSE – Using Technology To Communicate Information (15 Lessons)

This course covers ways in which technology can help communicate information. Included in the discussion are word processing applications, which are great for communication as they can be used to create documents such as memos, reports, and newsletters. Presentation programs are also discussed as an excellent means for presenting information to a number of people at once. Additionally, the course looks at how information can be graphically communicated with the use of tables and charts, and how handouts can be created and printed from presentations.

LESSONS

- ▶ Look At Blogs
- ▶ Understand Word Processors
- ▶ Why Use Newsletters?
- ▶ Understand Tables
- ▶ Insert Tables
- ▶ Understand Presentation Programs
- ▶ Why Create Electronic Presentations?
- ▶ Print Handouts
- ▶ Understand PowerPoint Tables
- ▶ Create PowerPoint Tables
- ▶ Import Word Tables
- ▶ Add Charts To Presentations
- ▶ Import Excel Charts
- ▶ Explore Notes And Handouts
- ▶ Design Audience Handouts

COURSE – Using Technology To Collect, Analyze, And Present Data (21 Lessons)

This course examines technology useful for collecting, analyzing, interpreting, and presenting data. It covers virtual meetings, telecollaborative projects, spreadsheets, and databases. Spreadsheet applications are discussed in particular, demonstrating how they can help teachers manage grades. It also suggests how students too can use spreadsheets to collect, calculate, and analyze other types of data. Furthermore, emphasis is put on the importance of checking and interpreting data in spreadsheets. A learning activity on creating a simulated society is covered, giving users a closer look at how these technologies can be used to collect and analyze data and also present findings.

LESSONS

- ▶ Examine Virtual Meetings
- ▶ Understand Telecollaborative Projects
- ▶ Create A Simulated Society
- ▶ Understand Spreadsheet Programs
- ▶ Why Use Spreadsheets?
- ▶ Enter Data In An Excel Grade Book
- ▶ Sort Lists
- ▶ Understand Functions
- ▶ Calculate Totals Using Functions
- ▶ Calculate Grade Averages
- ▶ Determine Minimum Scores
- ▶ Why Use Databases?
- ▶ Examine How Technology Can Affect Learning Methods
- ▶ Examine Benefits Of Technology Integration By Subject
- ▶ Find Maximum Scores
- ▶ Understand Charts
- ▶ Create Charts Using Spreadsheets
- ▶ Change Chart Types
- ▶ Enter Formulas
- ▶ Apply Conditional Formatting
- ▶ Filter Spreadsheet Data
- ▶ Understand The Importance Of Checking And Interpreting Data
- ▶ Understand Database Programs

C. PERFORMANCE INDICATOR: TRACK – Evaluate Students' Appropriate Use Of Technology

This track contains training that has been designed to address the third performance indicator in the Assessment and Evaluation standard included in the NETS for Teachers. This indicator addresses the need for teachers to apply multiple methods of evaluation to determine students' appropriate use of technology resources for learning, communication, and productivity.

COURSE – Evaluating Students' Appropriate Use Of Technology (4 Lessons)

This course suggests ways in which students' use of technology can be evaluated and assessed. It points out how many of the same methods used in assessing student learning can also be used to assess whether students know how to select and properly use technology for various needs. In particular, it offers tips for assessing whether a student has plagiarized information found on the Internet.

LESSONS

- ▶ Use Technology To Assess Work
- ▶ Detect And Prevent Plagiarism
- ▶ Examine The Use Of Rubrics In Social Studies Classes
- ▶ Examine Tools For Evaluating The Effectiveness Of Technology Integration

5 STANDARD: SECTION – Productivity And Professional Practice

approx. 11 hours of training

This section contains training that has been designed to address the performance indicators outlined in the fifth standards area, Productivity and Professional Practice, included in the National Educational Technology Standards (NETS) for Teachers. These indicators cover ways in which teachers use technology to enhance their productivity and professional practice.

A. PERFORMANCE INDICATOR: TRACK – Use Technology For Ongoing Professional Development

This track contains training that has been designed to address the first performance indicator in the Productivity and Professional Practice standard included in the NETS for Teachers. This indicator addresses the need for teachers to use technology to engage in ongoing professional development and lifelong learning.



COURSE – Use Technology For Ongoing Professional Development (9 Lessons)

This course examines how technology can help educators grow in their professions by offering them new avenues to lesson plans, activities, research, other teachers worldwide, and more. Growth can occur when educators learn to use technology to track and manage grades; communicate with parents, students, and other teachers; increase student motivation; and otherwise enhance the learning environment, and this course covers how educators can accomplish these things. Furthermore, educators will learn how to plan lessons that use technology, as well as how to evaluate whether technology integration was effective, thereby allowing them to make better decisions in the future.

LESSONS

- ▶ Explore Online Education Portals
- ▶ Identify Technology Evaluation Resources
- ▶ Plan Lessons With Technology
- ▶ Rethink Traditional Teaching Approaches
- ▶ Look At Online Mentoring
- ▶ Understand Integrating Technology In The Classroom
- ▶ Examine Integrating Technology Behind The Scenes
- ▶ Establish Whether Particular Technologies Suit Your Needs
- ▶ Examine Tools For Evaluating The Effectiveness Of Technology Integration

B. PERFORMANCE INDICATOR: TRACK – Evaluate And Make Decisions Regarding The Use Of Technology

This track contains training that has been designed to address the second performance indicator in the Productivity and Professional Practice standard included in the NETS for Teachers. This indicator addresses the need for teachers to continually evaluate and reflect on professional practice in order to make informed decisions regarding the use of technology in support of student learning.

COURSE – Evaluating And Making Decisions Regarding The Use Of Technology (8 Lessons)

This course emphasizes that educators need to evaluate and re-evaluate their technology integration efforts so as to make the best decisions regarding technology use in the classroom. It suggests resources to consult in order to keep up to date with new research on educational uses of technology, such as education portals, discussion boards, and technology conferences. Additionally, tips for evaluating and selecting technologies are given, along with strategies for planning lessons with technology, as well as tools for evaluating how effective technology integration has been.

LESSONS

- ▶ Identify Technology Evaluation Resources
- ▶ Evaluate And Select Instructional Software
- ▶ Plan Lessons With Technology
- ▶ Rethink Traditional Teaching Approaches
- ▶ Determine Required Skills For Lessons Or Units
- ▶ Understand Integrating Technology In The Classroom
- ▶ Establish Whether Particular Technologies Suit Your Needs
- ▶ Examine Tools For Evaluating The Effectiveness Of Technology Integration

C. PERFORMANCE INDICATOR: TRACK – Apply Technology To Increase Productivity

This track contains training that has been designed to address the third performance indicator in the Productivity and Professional Practice standard included in the NETS for Teachers. This indicator addresses the need for teachers to use technology to increase productivity.

COURSE – Enhancing Productivity With General Computer Practices (4 Lessons)

This course takes a general look at how basic computer practices can help enhance productivity. It covers a variety of benefits, including how technology can help increase productivity by getting students excited about learning, facilitating collaboration, allowing for preparation behind the scenes, and assisting with lessons. It also discusses how computer networks can help students and teachers be more productive by allowing them to share resources and information and by facilitating backups so that work can be recovered if lost instead of having to be recreated. In addition, the course talks about file management and how keeping computer files organized helps keep things efficient.

LESSONS

- ▶ Consider File Management
- ▶ Explore The Benefits And Risks Of Networked Computing
- ▶ Understand Integrating Technology In The Classroom
- ▶ Examine Integrating Technology Behind The Scenes

COURSE – Increasing Productivity With Word Processors (16 Lessons)

This course teaches word processing skills that help increase productivity. Specifically, it demonstrates inserting text; finding and replacing text; cutting, copying, and pasting text; using paragraph styles to format text; checking for spelling and grammar issues; using the built-in thesaurus; checking word, paragraph, and character counts; generating tables from text; and using and saving templates. Furthermore, it explains good uses for newsletters in the classroom, and how they can help communicate information to many people at once.

LESSONS

- ▶ Why Use Newsletters?
- ▶ Create Newsletters Using Templates
- ▶ Insert Text From Other Files
- ▶ Find And Replace Text
- ▶ Select Multiple Sections
- ▶ Examine Cut, Copy, And Paste
- ▶ Copy And Paste Text
- ▶ Cut And Paste Text
- ▶ Copy Formatting
- ▶ Apply Paragraph Styles
- ▶ Understand The Spelling Feature
- ▶ Check Spelling And Grammar
- ▶ Use The Thesaurus
- ▶ Check Word, Paragraph, And Character Counts
- ▶ Create Tables From Text
- ▶ Save Templates

COURSE – Improving Productivity With Spreadsheets (14 Lessons)

This course examines increasing productivity by using spreadsheet applications. The skills covered include creating formulas and functions that automatically perform calculations, sorting lists to quickly see data presented in a particular order, calculating averages, finding minimum and maximum scores, filling a series to quickly enter consecutive data, using AutoFormats, and creating templates for future use. The course also looks at how spreadsheets help specifically in the classroom.

LESSONS

- ▶ Why Use Spreadsheets?
- ▶ Understand Formulas
- ▶ Calculate Totals Using Functions
- ▶ Calculate Grade Averages



LESSONS (continued)

- ▶ Enter Formulas
- ▶ Sort Lists
- ▶ Understand Functions
- ▶ Determine Minimum Scores
- ▶ Apply AutoFormats
- ▶ Find Maximum Scores
- ▶ Use AutoSum And AutoCalculate
- ▶ Fill A Series
- ▶ Understand AutoFormatting
- ▶ Create New Templates

COURSE – Increasing Productivity With Electronic Presentations (7 Lessons)

This course covers ways in which presentation applications can help increase productivity. Users will learn several skills that can help them become more productive when creating electronic presentations, including how to apply design templates to coordinate the look of a presentation, using title and slide masters; and importing tables, charts, and outlines from other applications. As well, the course discusses how presentations can be used in the classroom.

LESSONS

- ▶ Why Create Electronic Presentations?
- ▶ Apply Design Templates
- ▶ Understand Title And Slide Masters
- ▶ Use Multiple Masters
- ▶ Import Outlines From Word
- ▶ Import Word Tables
- ▶ Import Excel Charts

COURSE – Boosting Productivity With Databases (6 Lessons)

This course goes over ways in which databases can help increase productivity. It teaches a variety of skills that can aid productivity, including creating databases, sorting records, and searching databases in order to quickly find specific records.

LESSONS

- ▶ Why Use Databases?
- ▶ Create Databases
- ▶ Enter Information Into Databases
- ▶ Modify Databases By Deleting And Moving Controls
- ▶ Locate Records
- ▶ Sort Records

D. PERFORMANCE INDICATOR: TRACK – Use Technology To Communicate And Collaborate

This track contains training that has been designed to address the fourth performance indicator in the Productivity and Professional Practice standard included in the NETS for Teachers. This indicator addresses the need for teachers to use technology to communicate and collaborate with peers, parents and the larger community in order to nurture student learning.

COURSE – Examining Various Ways of Communicating And Collaborating (16 Lessons)

This course zeroes in on technologies useful for communicating and collaborating. It talks about internet video conferencing, virtual meetings, chat rooms, discussion boards, blogs, and telecollaborative projects and how these technologies can help educational efforts. It also looks at online mentoring, which allows teachers and students to receive assistance from anywhere in the world, as well as assistive technologies, which help disabled individuals communicate ideas and needs. Newsletters, Web pages, and electronic presentations are all examined, as they are excellent means of sharing information. Lastly, the course talks about how networks aid in collaboration, as well as the cons of networking.

LESSONS

- ▶ Look At Available Types Of Technology
- ▶ Look At Internet Video Conferencing
- ▶ Examine Virtual Meetings
- ▶ Communicate Through Chat Rooms
- ▶ Explore Discussion Boards
- ▶ Look At Blogs
- ▶ Understand Telecollaborative Projects
- ▶ Look At Online Mentoring
- ▶ Understand Assistive Technology
- ▶ Explore Communication Aids
- ▶ Examine Ways To Integrate Technology In The Classroom
- ▶ Why Use Newsletters?
- ▶ Why Create A Web Page?
- ▶ Why Create Electronic Presentations?
- ▶ Examine Integrating Technology Behind The Scenes
- ▶ Explore The Benefits And Risks Of Networked Computing

COURSE – Using E-mail To Communicate (6 Lessons)

This course explores e-mail as a means of communicating and collaborating. Users will learn how to create e-mail accounts, log in to accounts to read messages, and send attachments with messages. Also, since it is easy to mistakenly use the incorrect tone in e-mail, correct tone will be covered. Finally, users will learn how to add e-mail links in the Web pages they might create, so that anyone visiting the page may contact them via e-mail.

LESSONS

- ▶ Understand E-mail
- ▶ Create E-mail Accounts
- ▶ Log In And Read E-mail Messages
- ▶ Send Attachments With E-mails
- ▶ Use The Correct Tone In E-mails
- ▶ Add E-mail Links

COURSE – Collaborating Using Word Processors (4 Lessons)

This course examines the revision tools of word processing applications. Specifically, the course covers tracking changes to documents and inserting, hiding, and showing comments that act as electronic sticky notes. These tools allow for collaborative work by letting users make tracked changes to documents, as well as add feedback and suggestions to each others' electronic documents.

LESSONS

- ▶ Look At Revision Tools
- ▶ Insert Comments Into Documents
- ▶ Hide And Show Comments
- ▶ Track Changes To Documents



6 STANDARD: SECTION – Social, Ethical, Legal, and Human Issues

approx. 8 hours of training

This section contains training that has been designed to address the performance indicators outlined in the sixth standards area--Social, Ethical, Legal, and Human Issues--included in the National Educational Technology Standards (NETS) for Teachers. These indicators cover various aspects of the social, ethical, legal, and human issues surrounding the use of technology in PK-12 schools and how teachers can apply those principals in practice.

A. PERFORMANCE INDICATOR: TRACK – Examine Legal And Ethical Practices Related To Technology Use

This track contains training that has been designed to address the first performance indicator in the Social, Ethical, Legal, and Human Issues standard included in the NETS for Teachers. This indicator addresses the need for teachers to use model and teach legal and ethical practice related to technology use.

COURSE – Examining Legal And Ethical Practices Related To Technology Use (8 Lessons)

This course focuses on the legal and ethical considerations that educators and students using technology need to be aware of. First, educators will learn how to teach responsible use of technology and how they should model a positive attitude toward technology. Emphasis is placed on safe and ethical use of the Internet--Internet privacy and security, cyberbullying, Internet hoaxes, legal Internet practices, and plagiarism will all be covered. Finally, users will learn about using the correct tone in e-mail or any Internet means of communication.

LESSONS

- ▶ Teach Responsible Use Of Technology
- ▶ Understand Cyberbullying
- ▶ Look At Internet Hoaxes
- ▶ Communicate Through Chat Rooms
- ▶ Look At Internet Privacy, Protection, And Security
- ▶ Observe Good Legal Internet Practices
- ▶ Detect And Prevent Plagiarism
- ▶ Use The Correct Tone In E-mails

B. PERFORMANCE INDICATOR: TRACK – Apply Technology That Helps Learners Who Have Diverse Backgrounds & Abilities

This track contains training that has been designed to address the second performance indicator in the Social, Ethical, Legal, and Human Issues standard included in the NETS for Teachers. This indicator addresses the need for teachers to apply technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.

COURSE – Applying Technology That Helps Learners Who Have Diverse Backgrounds & Abilities (7 Lessons)

This course explores how technology can help students with diverse needs thrive in the classroom. First, diverse learning styles and the different technologies that can help reach them will be covered. Users will also learn how to evaluate and select software to help students learn. Lastly, assistive technologies that help students with special needs will be examined. These include communication aids, computer access aids, hearing and vision aids, and special education technology.

LESSONS

- ▶ Use Technology To Reach All Intelligence Types
- ▶ Evaluate And Select Instructional Software
- ▶ Understand Assistive Technology
- ▶ Explore Communication Aids
- ▶ Look At Computer Access Aids
- ▶ Examine Hearing And Vision Aids
- ▶ Examine Special Education Technology

C. PERFORMANCE INDICATOR: TRACK – Identify Technology Resources That Affirm Diversity

This track contains training that has been designed to address the third performance indicator in the Social, Ethical, Legal, and Human Issues standard included in the NETS for Teachers. This indicator addresses the need for teachers to identify and use technology resources that affirm diversity.

COURSE – Identifying Technology Resources That Affirm Diversity (9 Lessons)

This course covers different technologies that support diversity among students. To help reach diverse learning styles, different software, games, and other technologies will be discussed. Tools that can be used for collaborating with individuals around the world will also be explored, thereby helping to raise awareness of these different cultures. Such technologies include Internet video conferencing and telecollaborative projects. Users will also learn about good considerations to make when selecting instructional software to meet the needs of their diverse learners. Finally, communication, computer access, and hearing and vision aids, along with special education technology will be discussed, as they all help reach and support individuals with physical, developmental, or other special needs.

LESSONS

- ▶ Use Technology To Reach All Intelligence Types
- ▶ Look At Internet Video Conferencing
- ▶ Understand Telecollaborative Projects
- ▶ Evaluate And Select Instructional Software
- ▶ Understand Assistive Technology
- ▶ Explore Communication Aids
- ▶ Look At Computer Access Aids
- ▶ Examine Hearing And Vision Aids
- ▶ Examine Special Education Technology

D. PERFORMANCE INDICATOR: TRACK – Promote Safe And Healthy Use Of Technology

This track contains training that has been designed to address the fourth performance indicator in the Social, Ethical, Legal, and Human Issues standard included in the NETS for Teachers. This indicator addresses the need for teachers to promote safe and healthy use of technology resources.

COURSE – Promoting Safe And Healthy Use Of Technology (13 Lessons)

This course looks at various issues regarding safe and healthy use of technology. Included in the discussion will be suggestions for teaching and modeling responsible and positive use of technology, preventative steps that help protect computers as well as users of computers, and good Internet practices to exercise and teach. Internet safety will be examined, covering topics such as cyberbullying, online predators, CIPA and COPPA, and Internet hoaxes. Furthermore, correct "netiquette" and proper communication guidelines for using Internet means of communication, including e-mail, chat rooms, and discussion boards, will be discussed. Use of education portals is encouraged, as they narrow down the vast amount of data on the Web to education-specific and age-appropriate content. Finally, users will learn to evaluate educational Web resources.



NETS FOR TEACHERS

Online Training Content Library

LESSONS *(continued)*

- ▶ Teach Responsible Use Of Technology
- ▶ Exercise Safe Computer Practices
- ▶ Protect Computer Data
- ▶ Look At Internet Privacy, Protection, And Security
- ▶ Understand Cyberbullying
- ▶ Look At Internet Hoaxes
- ▶ Observe Good Legal Internet Practices
- ▶ Detect And Prevent Plagiarism
- ▶ Use The Correct Tone In E-mails
- ▶ Communicate Through Chat Rooms
- ▶ Explore Discussion Boards
- ▶ Explore Online Educational Portals
- ▶ Learn How To Evaluate Educational Web Resources

E. PERFORMANCE INDICATOR: TRACK – Facilitate Equitable Access To Technology Resources

This track contains training that has been designed to address the fifth performance indicator in the Social, Ethical, Legal, and Human Issues standard included in the NETS for Teachers. This indicator addresses the need for teachers to facilitate equitable access to technology resources for all students.

COURSE – Facilitating Equitable Access To Technology Resources (6 Lessons)

This course takes a look at different ways in which teachers can make it easier for students to access and use the technology introduced in classrooms. One way is to have a class set up on a school network, as it allows for sharing of resources like printers, and it allows students and others to communicate and collaborate. Another way is to help students with special needs. Included in this discussion are communication, computer access, hearing, vision, and special education aids.

LESSONS

- ▶ Understand Assistive Technology
- ▶ Explore Communication Aids
- ▶ Look At Computer Access Aids
- ▶ Explore The Benefits And Risks Of Networked Computing
- ▶ Examine Hearing And Vision Aids
- ▶ Examine Special Education Technology

More than 90 percent of U.S. state departments of education have adopted, adapted, or referenced ISTE NETS because they are sensible, usable, measurable—and they support states' content standards. This NETS•T courseware library offers more than 500 lessons (over 80 hours of online training) with topics ranging from Microsoft Office Specialist (MOS) and Internet and Core Computing Certification (IC³) to Integrating Technology In The Classroom.

