

Lakeview Public Schools
Technology Curriculum
By Course, Standard, Benchmark
6th Grade Technology

TE02 Knows the characteristics and uses of computer software programs

- 5434 01 Knows the common features and uses of spread sheets (e.g., data is entered in cells identified by row and column; spreadsheets are used to look-up data in tables)

Lakeview Public Schools
Technology Curriculum
By Course, Standard, Benchmark
7th Grade Technology

TE02 Knows the characteristics and uses of computer software programs

- 5432 01 Uses intermediate features and utilities of word processors (e.g., uses clip art, a spell-checker, grammar checker, thesaurus, outliner)
- 5428 02 Uses a spreadsheet to edit data in cells, to enter and edit formulas, and to recalculate worksheets
- 5429 03 Applies spreadsheet knowledge to create worksheets and graphs from collected and given data

TE04 Uses technology to input, retrieve, organize, manipulate, evaluate, and communicate information

- 7292 01 Demonstrate skill using technology to prepare, evaluate and synthesize information collected and stored (e. g. voice, data, video, graphics, etc.)

TE05 Applies technology to critical thinking, creative expression, and decision making skills

- 7294 01 Use technology as a tool for creative expression and communication of ideas (e.g. voice, data, video, graphics, etc.)

TE07 Applies ethical and legal standards in planning, using, and evaluating technology

- 5442 01 Knows examples of copyright violations and computer fraud (e.g., computer hacking, computer piracy, intentional virus setting, invasion of privacy) and possible penalties (e.g., large fines, jail sentences)

Lakeview Public Schools
Technology Curriculum
By Course, Standard, Benchmark
Middle School Technical Education Lab

TE01 Knows the characteristics and uses of computer hardware and operating systems

- 7542 01 Identify, compare, and contrast technologies and the effects they could have on one's current and future life
- 7543 02 Illustrate the social, environmental, civic, and economic consequences of a particular technology
- 7544 03 Provide examples of solutions that have led to social, civic, economic, or environmental problems and propose methods for addressing these problems
- 7545 04 Investigate current technological applications and present possible safe and unsafe consequences in the continued use of these applications
- 7546 05 Identify and explain how environmental factors contribute to the development of technology and their impact on society
- 7547 06 Recognize the historical impact on the development of technology in relationship to the production of tools, equipment, and products
- 7548 07 Research, present, and defend forecasts of consequences of new technological developments

TE02 Knows the characteristics and uses of computer software programs

- 5433 01 Knows the common features and uses of desktop publishing software (e.g., documents are created, designed, and formatted for publication; data, graphics, and scanned images can be imported into a document using desktop software)
- 5428 01 Uses a spreadsheet to edit data in cells, to enter and edit formulas, and to recalculate worksheets
- 5429 02 Applies spreadsheet knowledge to create worksheets and graphs from collected and given data
- 5432 03 Uses intermediate features and utilities of word processors (e.g., uses clip art, a spell-checker, grammar checker, thesaurus, outliner)

TE03 Uses and transfers technological knowledge and skills for life roles

- 7529 01 Use technology to create a message that promotes a product/service
- 7530 02 Design and build a model of a technological system to buy or sell a product or service
- 7531 03 Demonstrate technological resources and systems that might be used to address social, civic, and economic issues
- 7532 04 Demonstrate the proper care of technological systems and components

TE04 Uses technology to input, retrieve, organize, manipulate, evaluate, and communicate information

- 7533 01 Demonstrate skill using technologies to prepare, evaluate, and synthesize information collected and stored (voice, data, video, graphics, etc.)
- 7534 02 Evaluate information received through technologies

TE05 Applies technology to critical thinking, creative expression, and decision making skills

- 7535 01 Use several technological methods to perform a given task and analyze advantages and disadvantages of each
- 7536 02 Use technologies to organize thoughts in a logical process (voice, data, video, graphics, etc.)

Lakeview Public Schools

Technology Curriculum

By Course, Standard, Benchmark

Middle School Technical Education Lab

TE06 Uses resources and processes to create, maintain, and improve products, systems, and environments

- 7537 01 Design/redesign a quality technological prototype to meet a societal or environmental need using investigation, analysis and idea development, proposals, planning, making a prototype of the solution, test and evaluation of the prototype, and self assessment
- 5443 01 Identifies appropriate problems for technological design (e.g., identifies a specific need, considers its various aspects, considers criteria for a suitable product)
- 5444 02 Designs a solution or product, taking into account needs and constraints (e.g., cost, time, trade-offs, properties of materials, safety, aesthetics)
- 5445 03 Implements a proposed design (e.g., organizes materials and other resources, plans one's work, makes use of group collaboration when appropriate, chooses suitable tools and techniques, works with appropriate measurement methods to ensure accuracy)
- 5446 04 Evaluates the ability of a technological design to meet criteria established in the original purpose (e.g., considers factors that might affect acceptability and suitability for intended users or beneficiaries; develop measures of quality with respect to these factors), suggests improvements, and tries proposed modifications

TE07 Applies ethical and legal standards in planning, using, and evaluating technology

- 7539 01 Hypothesize legal and ethical factors in the design and development of a new product (patents, copyright)
- 7540 02 Analyze and interpret the impacts of differing ethical and legal standards in the age of global competitiveness
- 7541 03 Provide examples of situations where the use of technology might be affected by legal or ethical considerations

Lakeview Public Schools
Technology Curriculum
By Course, Standard, Benchmark
Middle School Grade 8 Web Design Class

TE01 Knows the characteristics and uses of computer hardware and operating systems

- 7876 01 Knows how to logon to the network and can store and retrieve files from their network folders
- 7877 02 Knows how to use the internet to find information and images to use to design their website
- 7878 03 Knows how to retrieve information and images from the internet and store that material in their network folders
- 7879 04 Knows how to name files so that they are consistent with the operating system and the web software

TE02 Knows the characteristics and uses of computer software programs

- 7880 01 Knows how to use the web design software to create and retrieve a website
- 7881 02 Knows how to design a webpage with text, images and background
- 7882 03 Knows how to create tables to organize and display images and text on a webpage
- 7883 04 Knows how to link all the pages in the site
- 7884 05 Knows how to clean up their site and make it ready to be uploaded to the web

TE03 Uses and transfers technological knowledge and skills for life roles

- 7885 01 Knows how to navigate the web with search techniques to find information for personal use

TE04 Uses technology to input, retrieve, organize, manipulate, evaluate, and communicate information

- 7886 01 Uses a variety of techniques designing a website to communicate information to a specific audience
- 7887 02 Plan a website and choose a target audience for the website
- 7888 03 Create a outline for content

TE07 Applies ethical and legal standards in planning, using, and evaluating technology

- 7889 01 Make decisions on what material is appropriate from a legal and ethical perspective for inclusion on a website