

2006 Standards Alignment

Please note: The comparison chart is intended to assist teachers in updating lesson plans due to the addition of 2 NEW standards.

2006

Standard #1 (formerly 2) Understand how technology can improve, manage, and help control the natural and human-made environments.

Standard #2 (formerly 1) Describe technology as a system with inputs, processes, outputs, impacts, and feedback.

Standard #3 (new) Understand the relationship of technology to other academic fields, particularly science, math, social studies, and language arts.

Standard #4 (formerly 3) Describe technology as it is applied in the context of communication, construction, manufacturing, transportation, and related technologies.

Standard #5 (formerly 4) Work cooperatively and productively in groups to design and use technology to solve technological problems.

Standard #6 (formerly 5) Identify societal and personal needs and opportunities that can be addressed through technology.

Standard #7 (formerly 6) Develop and refine alternate solutions that address technological needs and opportunities.

Standard #8 (formerly 7) Evaluate and select appropriate solutions that address technological needs and opportunities.

Standard #9 (new) Apply engineering principles when planning, developing, implementing, and analyzing technological solutions.

Standard #10 (formerly 8) Specify solutions to stated needs and opportunities using appropriate technical means.

2004

Standard #1 Describe technology as a system with inputs, processes, outputs, impacts, and feedback.

Standard #2 Understand technology as a global system to improve, manage, and control the natural and human made environments.

Standard #3 Describe technology as it is applied in the context of communication, construction, manufacturing, transportation, and related technologies.

Standard #4 Work cooperatively and productively in groups to design and use technology to solve technological problems.

Standard #5 Identify societal and personal needs and opportunities that can be addressed through technology.

Standard #6 Develop and refine alternate solutions that address technological needs and opportunities.

Standard #7 Evaluate and select appropriate solutions that address technological needs and opportunities.

Standard #8 Specify solutions to stated needs and opportunities using appropriate technical means.

Standard #9 Select the appropriate resources needed to produce and operate communication, construction, manufacturing, transportation, and other technological systems and artifacts.

Standard #10 Select the appropriate processes needed to produce or operate products, structures, and systems.

2006 continued...

Standard #11 (formerly 9) Select the appropriate resources needed to produce and operate communication, construction, manufacturing, transportation, and other technological systems and artifacts.

Standard #12 (formerly 10) Select the appropriate processes needed to produce or operate products, structures, and systems.

Standard #13 (formerly 11) Efficiently use appropriate processes to related to communication, engineering, production, transportation, and similar devices and systems.

Standard #14 (formerly 13) Appropriately operate technological devices and systems.

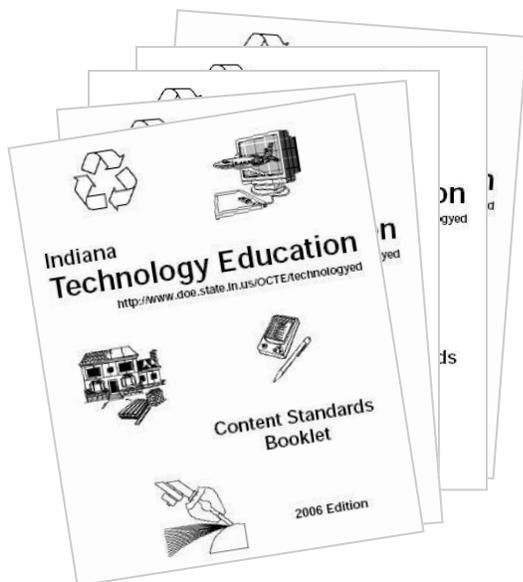
Standard #15 (formerly 17) Describe the relationships among entrepreneurship, business enterprises, and technology.

Standard #16 (formerly 12) Select the appropriate devices and systems to meet personal and societal needs.

Standard #17 (formerly 14) Recognize the need for servicing and repairing technological devices and systems.

Standard #18 (formerly 15) Properly dispose or recondition worn out and obsolete technological devices.

Standard #19 (formerly 16) Determine the impact of technological actions on people, society, and the environment.



2004 continued...

Standard #11 Efficiently use appropriate processes to produce communication, construction, manufacturing, transportation, and related devices and systems.

Standard #12 Select the appropriate devices and systems to meet personal

Standard #13 Appropriately operate technological devices and systems.

Standard #14 Recognize the need for servicing and repairing technological devices and systems.

Standard #15 Properly dispose or recondition worn out and obsolete technological devices

Standard #16 Determine the impact of technological actions on people, society, and the environment.

Standard #17 Describe the relationships among entrepreneurship, business enterprises, and technology.



Technology Education

Title/Description	Updated	PDF	PowerPoint
Curriculum Content Standards	08/15/2006	204 KB	--
Indiana Standards for Technological Literacy	08/26/2004	204 KB	204 KB

Additional Information

Indiana's Standards for Technological Literacy. This booklet provides the definition for technological literacy as well as the updated 2004 standards and benchmarks for the teachers of technology education in Indiana.

All documents scanned for viruses. PDF's require the free Adobe Reader. If you do not have this program, go to the [Electronic Library home page](#) and read the information provided. If you have any problems accessing these documents, go to the Electronic Library and read the [Frequently Asked Questions](#) page.

2006 Technology Education Standards

<http://www.doe.state.in.us/standards/docs-Technology/2006-08-15-TechEd-Stds.pdf>