



Module I: Getting to Know the TA TEKS

(Technology Applications-Texas Essential Knowledge and Skills)

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Guiding Questions

- ❖ What are the TA TEKS?
- ❖ What do they mean to me?
- ❖ Where am I now?
- ❖ How do they correlate to National Standards?
- ❖ What resources are available?



TATEKS 101

Technology Applications Texas Essential Knowledge and Skills



What are the TA-TEKS?

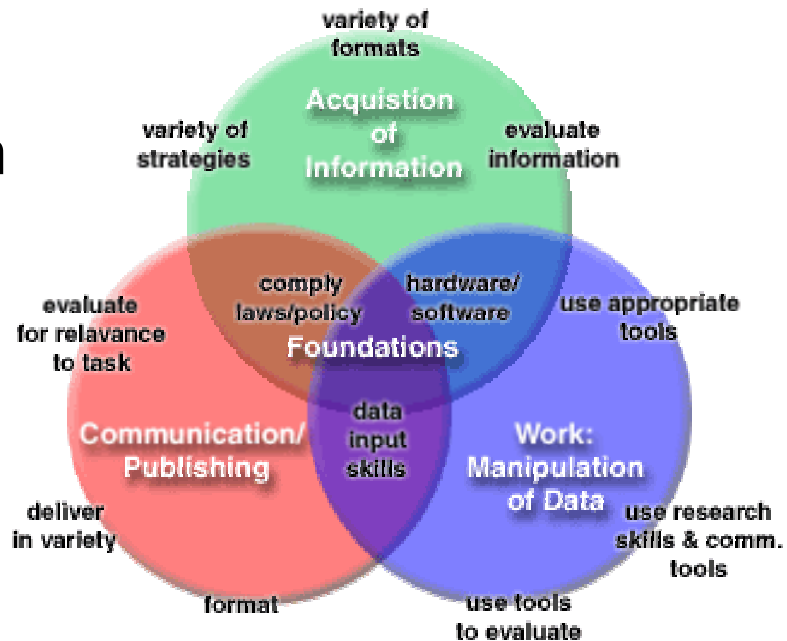
- ❖ The TA TEKS are the standards that the students of Texas will be held accountable for in technology literacy.
- ❖ They describe what students should know and be able to do using technology.
- ❖ The goal of the Technology Applications TEKS is for students to gain technology-based knowledge and skills and to apply them to all curriculum areas at all grade levels



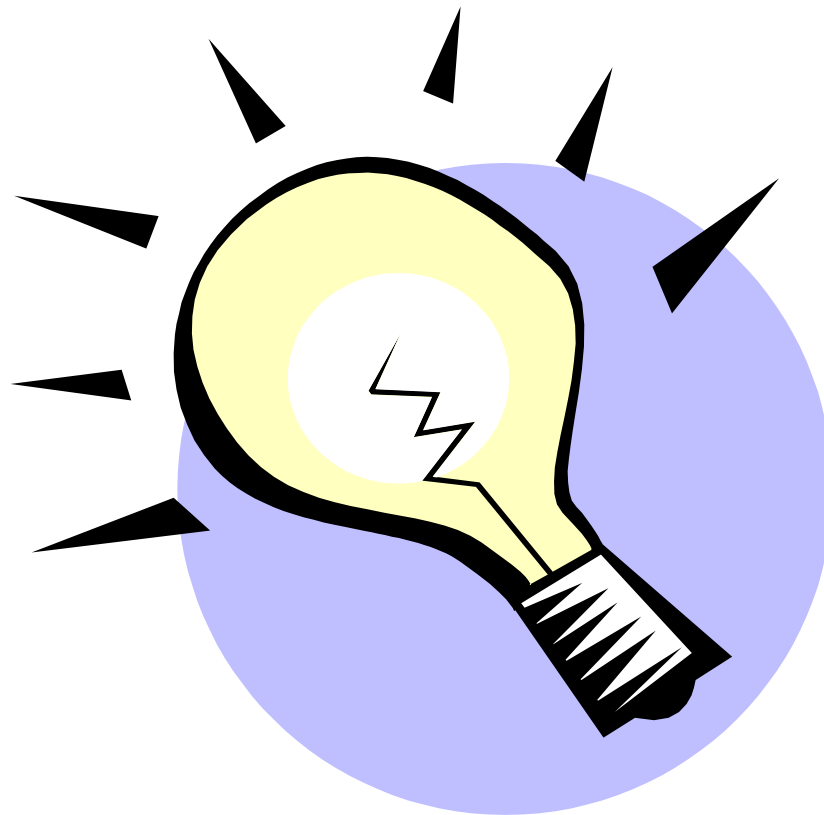
What are the TA-TEKS?

❖ Comprised of four strands:

- ❖ Foundations
- ❖ Information Acquisition
- ❖ Solving Problems
- ❖ Communication



Samples from the Field





How can I learn more?



TA-TEKS Central

- ❖ TEA Web site

<http://www.tea.state.tx.us/technology/ta/standards.html>

- ❖ TA-TEKS Snapshots

http://www.esc20.net/cut/materials/tek_snapshots.htm

- ❖ TA-TEKS by cluster and course (PDF's)

<http://www.tcet.unt.edu/START/teks/res.htm>

- ❖ TA-TEKS (Full Version)

<http://www.tea.state.tx.us/rules/tac/ch126toc.html>

- ❖ TA-TEKS Interactive Venn Diagram

<http://www.tcet.unt.edu/START/teks/framework/index.htm>

- ❖ Texas Made Plans from TCET-Best Practice Site

- ❖ http://www.tcet.unt.edu/START/instruct/lp_texas.htm



The Big Picture

- ❖ Texas [STaR](#) Chart
- ❖ National Standards

- ❖ ISTE NETS

- ❖ (International Society for Technology in Education) (National Educational Technology Standards)
- ❖ Teachers- <http://cnets.iste.org/index3.html>
- ❖ Students- <http://cnets.iste.org/index2.html>





**Now that I know what they
are...**



...what am I responsible for?

- ❖ According to SBEC (State Board for Educator Certification):
 - ❖ All teachers use technology-related terms, concepts, data input strategies, and ethical practices to make informed decisions about current technologies and their applications.

<http://www.tcet.unt.edu/START/teks/standard.htm>



...what am I responsible for?

❖ SBEC...

- ❖ All teachers identify task requirements, apply search strategies, and use current technology to efficiently acquire, analyze, and evaluate a variety of electronic information.



...what am I responsible for?

❖ SBEC...

- ❖ All teachers use task-appropriate tools to synthesize knowledge, create and modify solutions, and evaluate results in a way that supports the work of individuals and groups in problem-solving situations.



...what am I responsible for?

❖ SBEC...

- ❖ All teachers communicate information in different formats and for diverse audiences.



...what am I responsible for?

❖ SBEC...

- ❖ All teachers know how to plan, organize, deliver, and evaluate instruction for all students that incorporates the effective use of current technology for teaching and integrating the Technology Applications Texas Essential Knowledge and Skills (TEKS) into the curriculum.





How do I know if I'm prepared?



Take Stock

- ❖ Self assessments help you:
 - ❖ Identify where you are on the technology continuum.
 - ❖ Understand what strengths and weaknesses you possess.
 - ❖ Reflect on your ability to meet the standards.
 - ❖ Map out a course for success.



Self-Assessment Tools

- ❖ Technology Applications Inventory

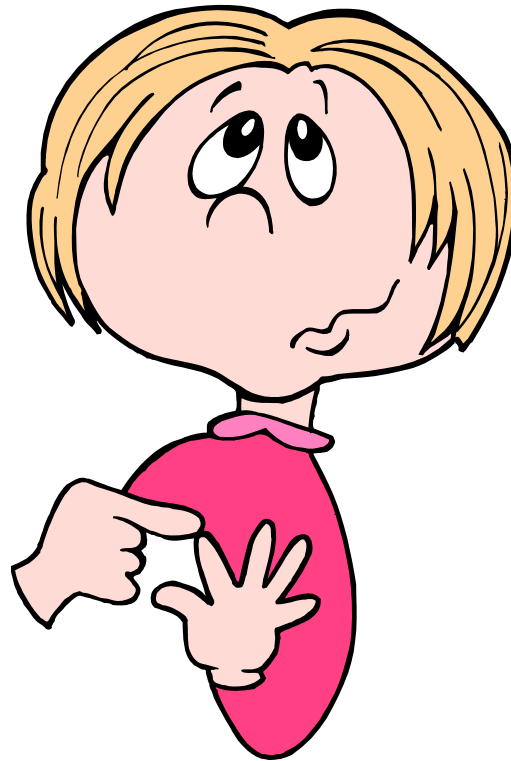
- ❖ <http://www.tcet.unt.edu/START/assess/teksurv.pdf>

- ❖ Learning with Technology Profile Tool

- ❖ <http://www.ncrtec.org/capacity/profile/profwww.htm>



Stock taken! What are...



...the implications for

❖ All Beginning Educators

❖ Certification

- ❖ The State Board for Educator Certification ([SBEC](#)) has approved educator certification standards in [Technology Applications](#) for all beginning educators. The standards have been developed for inclusion in SBEC-approved educator preparation programs. They are a part of the new ExCET test frameworks in [Pedagogy and Professional Responsibilities](#). The new ExCET tests are scheduled for implementation in **fall 2002**.

http://www.tea.state.tx.us/technology/ta/ed_standards.html



...the implications for

❖ Current Teachers

- ❖ The Texas Education Agency “recommends” that all current educators strive to meet the SBEC Educator Standards for All Beginning Educators.

http://www.tea.state.tx.us/technology/ta/ed_standards.html



...the implications for

❖ Administrators

❖ Assessment

❖ PDAS

<http://www.tea.state.tx.us/PDAS/>

❖ Standards

❖ NETS Standards for Administrators

<http://cnets.iste.org/tssa/framework.html>



...the implications for

- ❖ Administrators

- ❖ Funding

- ❖ ESEA “No Child Left Behind Act”





Where do I find “best practices” of TA-TEKS integration?



Resources

- ❖ **Technology Applications Center for Educator Development**

<http://www.tcet.unt.edu/START/instruct/index.htm>

- ❖ **NETS: Connecting Curriculum and Technology**

<http://cnets.iste.org/index2ns.html>

- ❖ **ESC 20 Technology Services**

<http://www.esc20.net/etprojects/>



Questions?



For More Information

- ❖ Contact:
 - ❖ Your Name
 - Learning Specialist
 - email@classroom.com

