

GOAL 7 TECHNOLOGY LITERACY

Students will be technology literate in the areas of telecommunications/Internet, word processing, multimedia presentations, and the social/ethical aspects of technology.

Goal 7 Technology Literacy should contain the following:

- SMART GOAL
- STRATEGY #1 – Student engagement with 21st century technology skills
- STRATEGY #2 – Assessing student technology literacy skills
- STRATEGY #3 – 21st century technology professional development for teachers
- STRATEGY #4 – Infusing Ed Tech Standard into core content

SMART goals must contain all **5 elements**: specific, measurable, achievable, realistic, and time bound. Here are 3 different examples of tech literacy SMART goals that you could use to model your SMART goal after (only use one):

- By May 2012, 50% of 5th grade students will be technology literate as measured by project-based rubrics which include technology.
- By May 2012, there will be an 80% increase of 8th grade students, compared from 2011, who will be technology literate as measured by the student technology literacy assessment.
- By May 2012, all graduating high school students will have successfully passed a technology literacy course based on the AZ Technology Standard.

Strategies and Action Steps -

The strategies and action steps for **student** Technology Literacy should be reflective of the Arizona Technology Standard http://www.ade.az.gov/standards/technology/Articulated_Grade_Level/ and your Needs Assessment.

The strategies and supporting "TECH" tagged action steps should include the following:

- 1) **Student engagement - How will the students be engaged with technology to foster the growth of their technology literacy skills?** Possible action steps provided you implement these: 21st Century tools, multi-media presentations, and Web 2.0 applications (such as SKYPE, Google docs, blogging, wikis, etc.)

This does not include academic curriculum content area software and web applications. These types of technology are better suited listed as "TECH" tagged action steps under the reading/language arts, math, and ELL goals.

- 2) **Assessing student technology literacy skills – How will students have their technology literacy skills assessed to assure they have progressed with their technology literacy skills?** Possible action steps provided you implement these: Purchased from a vendor, district/school made, tech literacy or project-based rubric, or at the high school level – successful completion of a technology course.

This does not include academic core content area assessments, e.g. Galileo. These types of assessments are better suited listed as "TECH" tagged action steps under the reading/language arts, math, and ELL goals.

- 3) **21st century technology professional development for teachers – What professional development will teachers participate in that will foster the growth and development of student technology literacy?** Possible action steps provided you implement these: Intel® Teach Programs (ADE highly encourages) and Intel Leadership Forum (available through IDEAL), Thinkfinity, 21st Century tools, and Web 2.0 applications.

- 4) **Infusing Ed Tech Standard into core content – What action(s) is the district and schools taking to infuse the Arizona Educational Technology Standard into the core content areas?** Possible action steps provided you implement these: Curriculum mapping, technology course or class, and/or having teachers participate in the AZ Teach 21 course that will be available through IDEAL at no cost (teachers receive a \$200 stipend upon completion of course) beginning in January 2011 through September 2011.

- All action steps that involve technology need to have a "TECH" tag associated with them.
- Evidence of how each technology action step will be evaluated has been included in the description of the action step.

- Action steps include start and stop dates (timeline).
- Action steps should have an updated status. Any technology action step that will be implemented over an extended time should keep the status as "In Progress."

This goal needs to be officially "submitted" inside the Continuous Improvement Plan.

In the Continuous Improvement Plan, other than Goal 7 Technology Literacy, technology (hardware, software, infrastructure, PD, etc.) that **supports each of the NCLB goals** should be identified with a "TECH" tag.

REQUIRED: NCLB Goal #4, Safe, Drug-Free Schools Conducive to Learning, includes 2 strategies and action steps that relate to Internet Safety and CIPA requirements. The status of these "TECH" tagged action steps should remain as **IN PROGRESS** because it is assumed that you have these in place and working constantly.

- Strategy: "Network/Internet Filtering and Acceptable Use Agreements"
 - Action Step: Installing (or maintaining) and monitoring of firewalls and Internet security systems that are CIPA compliant.
 - Action Step: The LEA policy requires staff and students and parents to agree to an Internet Users Agreement (also known as an Internet Safety Policy or Acceptable Use Policy.)
- Strategy: "Internet Safety Curriculum"
 - Action Step: PD for staff that relates to Internet Safety and Cyberbullying curriculum.
 - Action Step: Plan, develop, and implement Internet Safety and Cyberbullying curriculum with all students.

Examples of possible "TECH" tagged action steps within each NCLB goal include but are not limited to:

Goals 1A, 1B, and 3 – Reading/Language Arts, Math, and ELL

- Academic software programs (be specific)
- Teachers using Interactive White Boards, electronic student responders, document cameras, digital cameras, electronic probes with the computer, etc. as teaching tools and students use these tools in the classroom
- Resources and teaching tools from IDEAL (Learning Resource Center – Thinkfinity – Discovery Education – iTunesU – etc.)

Goal 2 – Equitable Distribution of Teachers

- SEI endorsement through IDEAL and other IDEAL PD courses and/or online college courses for HQ status

Goal 4 – Safe, Drug-Free Schools Conducive to Learning

- Policy and Procedures for Internet safety (firewalls, etc.) and CIPA compliance, acceptable Internet users agreement forms from staff, students, and parents
- Cyber safety courses for students

Goal 5 – High School Graduation

- 8th grade pre-E-cap plans
- 8th grade data reporting to high schools
- Bridging activities for 8th graders to high school
- High school online credit recovery courses
- E-cap
- Dual-credit online courses through partnership with a college

Goal 6 – Parent Involvement

- Maintaining an up-to-date district/school website
- Providing electronic access to student grades
- Electronic correspondence with parents