



Arizona K12 Center TIM Awards

Technology Integration = Meaningful Learning for Students

Purpose

The Technology Integration Matrix (TIM) Awards honor educators for integrating technology in ways that promote active learning, collaboration, constructive thinking, authentic application, and goal-directed learning. The award was established in partnership with BET-C (Behavior+Education+Technology Conference).

Eligibility

Any teacher in a public, charter, or private school serving K-12 students in Arizona.

Deadlines

The window for submitting applications opens April 1 and closes on Sept. 1, 2017. Awardees will be notified no later than Sept. 25.

Winners will be honored at the [BET-C](#) on Oct. 5, 2017. Those applying should plan to register for the [conference](#). The following awards will be granted to individuals and must be redeemed before August 2018:

- **Merit:** One complimentary registration for a one-day Arizona K12 Center event of your choice for the winning teacher, and a 25 percent discount toward registration for a one-day Arizona K12 Center event for two colleagues.
- **Bronze:** One complimentary registration for a one-day Arizona K12 Center event of your choice for the winning teacher, and a 50 percent discount toward registration for a one-day Arizona K12 Center Event for two colleagues.
- **Silver:** One complimentary registration for a one-day Arizona K12 Center event of your choice for the winning teacher, and a 75 percent discount toward registration for a one-day Arizona K12 Center event for two colleagues.
- **Gold:** One complimentary registration for Camp Plug and Play 13.0 for the winning teacher, and a 50 percent discount toward registration for a one-day Arizona K12 Center event for three colleagues.
- **Copper State:** Two complimentary registrations for Camp Plug and Play 13.0 for the winning teacher and a colleague, and a 50 percent discount toward registration for a one-day Arizona K12 Center event for five colleagues.

Criteria for Judging

Criteria for judging on all five levels are based on the Technology Integration Matrix (azk12.org/TIM). The TIM associates five interdependent characteristics of meaningful learning environments: active, collaborative, constructive, authentic, and goal-directed with five levels of technology integration: entry, adoption, adaptation, infusion, and transformation.

Applications must address at least one of the learning characteristics outlined in the TIM (active, collaborative, constructive, authentic, or goal-oriented learning).



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Requirements

Individuals may apply once per application cycle, selecting one of the five levels of technology integration.

Applications at all levels should include:

- A 3–5-minute video, presentation, or slideshow of one classroom lesson that:
 - Provides an example of how the teacher uses technology to deliver curriculum content to students engaged in at least one of the following learning characteristics: active, collaborative, constructive, authentic or goal-oriented learning.
 - A lesson plan for one technology integration level, which aligns to the lesson shown in the video, and identifies:
 - The level of technology being used, grade level, classroom configuration, learning objectives, procedures, materials, and assessments.
 - Alignment with academic standards (may include, but not limited to the [Arizona College and Career Ready Standards \[AZCCRS\]](#), [Next Generation Science Standards \[NGSS\]](#), and [International Society for Technology in Education Standards \[ISTE\]](#)).
 - For sample videos and lesson plans, access the TIM Matrix at: azk12.org/tim/. Click in the matrix boxes for the learning characteristic that best describes the lesson you have selected. Follow the TIM video/lesson plan format when submitting this portion of the application.
 - A narrative summary (no more than 200 words) that addresses the following:
 - *What technology is being integrated to deliver instruction?*
 - *What percentage of your students have access to these technologies?*
 - *What training is provided for students to successfully learn how to use these tools?*
 - *In what ways do you utilize these technologies as a platform for learning?*
 - A brief summary (no more than 200 words) that demonstrates impact on students as a result of exposure to technology.
 - How is technology a transparent tool used to generate and accomplish objectives and learning?
 - *What impact has this technology had on students?*
 - *What data do you have that best describes how student achievement has increased as a result of exposing students to technology as a tool for learning?*
- *See examples of three types of data that may be included in this summary below.*

Data Options:

Below are sample options for demonstrating the impact on students as a result of exposure to technology.

Learning Impact Data

- Norm-referenced and criteria-referenced assessments of achievement, progress and/or mastery
- Classroom assessments
- Project and performance-based assessments
- Analysis of student work samples

Attitudinal Impact Data

- Affective and qualitative factors
- Feelings of confidence
- Success
- Attitudes toward school experience(s)
- Behaviors
- Motivations

Resources Impact Data

- Investments and overall worth
- Benefits to students, teachers, communities, businesses, etc.
- Financial and/or personal benefits that can be evidenced in measures such as
 - Participation time
 - Productivity
 - Depth or breadth of learning gained through implementation

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Submission Instructions:

- **Intent to Apply**
 - Email Ali Conant (aconant@azk12.org) with your intent to apply by May 1.
- **Application**- Submit online application at: <http://svy.mk/2mRR9S9> by Sept. 1.
 - **Within the online application, please provide a link to your 3–5-minute video presentation or slideshow** (e.g. YouTube, Vimeo, Google Drive, etc.) demonstrating one classroom lesson.

For more information, visit: azk12.org/tim/ or email Ali Conant (aconant@azk12.org).

AWARD	Submission Requirements Levels of Technology Integration
MERIT	<p>Entry Level: <i>Students as Observers of Technology Tools</i> Teacher utilizes technology to deliver curriculum content to students.</p> <ul style="list-style-type: none"> • The summary, supported by data, demonstrates impact on students that has resulted from individuals observing the use of technology to enhance their learning of content.
BRONZE	<p>Adoption: <i>Students Interact with Technology</i> Teacher utilizes technology to direct students in the conventional use of tool-based software.</p> <ul style="list-style-type: none"> • The summary, supported by data, demonstrates impact on students that has resulted from interactive use of tool-based software/technology.
SILVER	<p>Adaptation: <i>Students Use and Modify Technology to Accomplish Tasks</i> Teacher utilizes technology to encourage adaptation of tool-based software by allowing students to select a tool and modify its use to accomplish the task at hand.</p> <ul style="list-style-type: none"> • The summary, supported by data, demonstrates impact on students that has resulted from allowing students to choose and modify tool-based software when accomplishing learning tasks.
GOLD	<p>Infusion: <i>Students Analyze and Evaluate Technology as Tools for Learning</i> Teacher utilizes technology to consistently provide for the infusion of technology tools with understanding, applying, analyzing, and evaluating learning tasks.</p> <ul style="list-style-type: none"> • The summary, supported by data, demonstrates impact on students that has resulted from allowing students use technology tools to understand, apply, analyze and evaluate their learning.
COPPER STATE	<p>Transformation: <i>Students Organize and Construct Their Own Learning</i> Teacher utilizes technology to cultivate a rich learning environment, where blending choice of technology tools with student-initiated investigations, discussions, compositions, or projects, across any content area, is promoted.</p> <ul style="list-style-type: none"> • The summary, supported by data, demonstrates impact on students that has resulted from students using technology tools to work together to gather research data, set goals, plan activities, monitor progress, and evaluate the results of their learning.