



# **TECHNOLOGY INTEGRATION PROGRAM**

## **2009 Summer Workshops**

Registration opens Thursday, May 7  
[www.np.k12.mn.us/EmployeeResources/workshop](http://www.np.k12.mn.us/EmployeeResources/workshop)



### June 8-11 : TIP Workshops

Enhance your curriculum with technology that engages students in active learning. Choose from a variety of three hour workshops presented through hands-on instruction. Workshops provide time for creating lessons and/or student projects.

	Presenter	Monday : 6/8	Tuesday : 6/9	Wednesday : 6/10	Thursday : 6/11
8:30 am - 11:30 am	Shawn Brandt	Moodle I: Beginners	PhotoStory	Qwizdom I: Beginners	Skyward Assignments
	Rick Bell	Office '07 / OpenOffice	GPS in the Classroom	Sci/SS Resources	Learning Centers
12:30 pm - 3:30 pm	Shawn Brandt	Teaching with Video	Moodle II: Intermediate	Mimio: Interactive	Qwizdom II: Data
	Rick Bell	Email with ePals	Google Tools	Math/Read Resources	VoiceThread

### August 10-13 : TIP Workshops

Enhance your curriculum with technology that engages students in active learning. Choose from a variety of three hour workshops presented through hands-on instruction. Workshops provide time for creating lessons and/or student projects.

	Presenter	Monday : 8/10	Tuesday : 8/11	Wednesday : 8/12	Thursday : 8/13
8:30 am - 11:30 am	Shawn Brandt	Google Tools	Review Games	Moodle I: Beginners	VoiceThread
	Rick Bell	Mind Mapping	PhotoStory	Qwizdom II: Data	Math/Read Resources
12:30 pm - 3:30 pm	Shawn Brandt	Web 2.0 Tools	Skyward Assignments	Learning Centers	Moodle II: Intermediate
	Rick Bell	Qwizdom I: Beginners	Office '07 / OpenOffice	Mimio: Interactive	Sci/SS Resources

### August 17-20 : Intel Essentials Course

Prerequisite: Four (4) TIP Workshops. Participating teachers will integrate technology from one or more of their attended workshops into a project-based unit. As an option, graduate level credits are available (5-quarter or 3-semester).

	Presenter	Monday : 8/17	Tuesday : 8/18	Wednesday : 8/19	Thursday : 8/20
8:30 am - 4:00 pm	Shawn Brandt	Modules 1 – 2	Modules 3 – 4	Modules 5 – 6	Modules 7 – 8
	Rick Bell				



**8:30 – 11:30 am**

**June 8**

**Course**..... Moodle I for Beginners

**Presenter**.... Shawn Brandt

**Room** ..... HS Ares Lab (140)

**Focus**..... Grades 6-12

Do you feel like the capabilities of TeacherWeb are limiting what you want to do with your class website? Then you may want to consider supplementing your curriculum with this free, online course management tool. Used by universities as well as K-12 teachers around the world, Moodle is more than just a website. Teachers can post online quizzes, assignments, video, presentations, and discussion boards. Students can submit assignments and receive feedback from teachers. Participants will create a Moodle class, add content, and explore a variety of applications. Please bring curriculum materials to help add content to your Moodle site.

**Course**..... Office 2007 or Open Office: Word, PowerPoint, Excel, & Publisher

**Presenter**.... Rick Bell

**Room** ..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

As this description is being written, it is unclear if students and staff will be using MS Office 2007 or Open Office. What is clear? The productivity software (word processor, presentations, spreadsheets, etc.) will be different at the elementary buildings next year. Get a head start on the year by learning how to use these applications efficiently and effectively.

**12:30 – 3:30 pm**

**June 8**

**Course**..... Teaching with Video

**Presenter**.... Shawn Brandt

**Room** ..... HS Ares Lab (140)

**Focus**..... Grades 6-12

Teachers have been using video in classrooms for years. As technology changes, so do the teaching strategies. Online video websites can help connect your lessons with today's YouTube generation. Learn how to download videos from YouTube, embed video in PowerPoint presentations and your class website, and edit video clips. Discover how to video stream your important lectures, presentations, lab demonstrations, and math problems/solutions online.

**Course**..... Email with ePals

**Presenter**.... Rick Bell

**Room** ..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

We are all familiar with email and the connections that can be made with anyone, anywhere. ePals is a protected and secure site where students will have their own email account and can connect with pen pals from around the world. Many projects have been set up for teachers to connect with other teachers and communicate about global issues. This is a great way for students to connect in a 21st Century learning style.



**8:30 – 11:30 am**

**June 9**

**Course**..... Digital Storytelling with PhotoStory

**Presenter**.... Shawn Brandt

**Room** ..... HS Ares Lab (140)

**Focus**..... Grades 6-12

PhotoStory is a free program used to create a digital slideshow. The software allows you to insert pictures, transitions, record narration, and background music. Learn the 7-step process to efficiently and effectively facilitate a digital storytelling project. Participants are asked to bring curriculum materials to create a PhotoStory that can be used to introduce a unit or displayed as a student project example.

**Course**..... GPS in the Classroom

**Presenter**.... Rick Bell

**Room** ..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

Explore the world of latitude and longitude and how to bring it into your classroom. Aimed at the beginning user of global positioning technology, this workshop will explore GPS technology and the exciting adventure of geo-caching, plus offer ideas for how to use geo-caching with students. We will spend half of our time in the classroom and the other half outside using GPS receivers. If you have a GPS receiver, feel free to bring it. If you do not have a unit, one will be provided for you during this session. Please dress ready to spend time outside in Minnesota!

**12:30 – 3:30 pm**

**June 9**

**Course**..... Moodle II for Intermediate Users

**Presenter**.... Shawn Brandt

**Room** ..... HS Ares Lab (140)

**Focus**..... Grades 6-12

You've created a Moodle class, posted some links, inserted documents, and are becoming more comfortable with Moodle. Now you are interested in making your course interactive; beyond a static webpage. Learn best practices for creating discussion forums, online quizzes, embedding video, and student assignments that can be uploaded. Please bring curriculum materials to help add content to your Moodle site. If your textbook curriculum includes materials on CD, bring those as well.

**Course**..... Google Tools: It's More than a Search Engine

**Presenter**.... Rick Bell

**Room** ..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

Google is the world's most popular search engine... but it is so much more! Explore the wide variety of Google applications that teachers are quickly adding to their toolboxes. Teachers are using these tools to search the Internet more efficiently, stay current with curriculum content, and collaborate with colleagues. Explore iGoogle, Google Gadgets, Google Reader, Google Maps, Google Earth, and more!



**8:30 – 11:30 am**

**June 10**

**Course**..... Qwizdom I for Beginners

**Presenter**.... Shawn Brandt

**Room**..... HS Ares Lab (140)

**Focus**..... Grades 6-12

What is Qwizdom? The technical term for it is a Student Response System... more commonly known as “clickers.” Students respond to questions on a PowerPoint presentation using a remote control. The teacher receives instant feedback throughout the lesson to gauge student understanding. At its most basic level, Qwizdom can be used to survey student responses. Learn how to use the system to help students become actively engaged. Participants are asked to bring curriculum materials to create a lesson that will utilize Qwizdom.

**Course**..... Science/Social Studies Resources

**Presenter**.... Rick Bell

**Room**..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

We will explore a number of science and social studies resources. Take a look at websites and software that can be used for practice or to assess student comprehension. Use interactive tools to help students understand science and social studies concepts. Bring your resources with and plan some integrated lessons or projects with technology.

**12:30 – 3:30 pm**

**June 10**

**Course**..... Mimio: The Interactive Secondary Classroom

**Presenter**.... Shawn Brandt

**Room**..... HS Ares Lab (140)

**Focus**..... Grades 6-12

Learn the basics of the Mimio interactive whiteboard and use the features of the Mimio Notebook. This workshop will be appropriate for all levels of interactive whiteboard users. Participants will leave this session prepared to use the Mimio in their classroom. Hands-on training will be emphasized with a focus on using the hardware and creating lessons with the Mimio software. Bring curriculum materials for scanning and lesson creation.

**Course**..... Math/Reading Resources for the Elementary Classroom

**Presenter**.... Rick Bell

**Room**..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

We will explore a number of math and reading resources. Take a look at websites and software that can be used for practice or to assess student comprehension. Use interactive tools to help students understand math and reading concepts.





**8:30 – 11:30 am**

**June 11**

**Course**..... Skyward Assignments

**Presenter**.... Shawn Brandt

**Room** ..... HS Ares Lab (140)

**Focus**..... Grades 6-12

Wouldn't it be great if students could take quizzes or tests online and get immediate feedback? Even better, what if student scores were automatically entered into your gradebook? Pinch yourself, this is not a dream. Skyward now gives you the ability to post multiple-choice and true-false assessments online. Participants are asked to bring some of their multiple-choice/true-false tests to this session. Hands-on time will allow teachers to post their assessments online.

**Course**..... Differentiated Learning Centers

**Presenter**.... Rick Bell

**Room** ..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

Differentiating instruction can be defined as creating multiple paths so that students of different abilities, interest or learning needs experience the learning process equally. To differentiate your classroom with technology, you will need a plan, we will discuss how to set up a technology center and implement some ideas how technology can be utilized. Time will be given to create multiple lessons/opportunities for learning centers including technology use. Please bring curriculum materials to help create a simple learning center.

**12:30 – 3:30 pm**

**June 11**

**Course**..... Qwizdom II: Collecting Data

**Presenter**.... Shawn Brandt

**Room** ..... HS Ares Lab (140)

**Focus**..... Grades 6-12

Qwizdom can do more than just engage students. Find out how to import class lists in order to collect assessment data, randomly select a student, ask a question "on the fly," and play review games. Learn how to use these different capabilities of the system to help students become actively engaged. Participants are asked to bring curriculum materials to create a lesson that will utilize Qwizdom.

**Course**..... VoiceThread: A 21st Century Conversation

**Presenter**.... Rick Bell

**Room** ..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

Easily create an online presentation with pictures, video, and audio. The best feature? All visitors can comment on the presentation with text, audio, or video. Discover how it can be used in special education, world languages, or any class that requires students to communicate their understanding of the course content... (Yes, that's every class. ☐). It's a tough one to describe...you have to see it to believe it! Participants are asked to bring curriculum materials to help create a VoiceThread project.



**8:30 – 11:30 am**

**August 10**

**Course**..... Google Tools: It's More than a Search Engine

**Presenter**.... Shawn Brandt

**Room**..... HS Apollo Lab (140)

**Focus**..... Grades 6-12

Google is the world's most popular search engine... but it is so much more! Explore the wide variety of Google applications that teachers are quickly adding to their toolboxes. Teachers are using these tools to search the Internet more efficiently, stay current with curriculum content, and collaborate with colleagues. Explore iGoogle, Google Gadgets, Google Reader, Google Notebook, and more.

**Course**..... Mind Mapping: Use Your Inspiration

**Presenter**.... Rick Bell

**Room**..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

Mind mapping activities include spatially laying out a brainstorm, pre-writing of a story, using a graphic organizer, or concept mapping an idea. Two software programs, Inspiration and Kidspiration have many templates already created for you. Learn about Mindomo, a Web 2.0 tool, which can be used for collaboration. For MS Office 2007 users, learn how to easily insert graphic organizer in PowerPoint or Word using SmartArt. Participants are asked to bring curriculum materials that could be used for mind mapping activities.

**12:30 – 3:30 pm**

**August 10**

**Course**..... Web 2.0 Tools: It's a Whole New Internet

**Presenter**.... Shawn Brandt

**Room**..... HS Apollo Lab (140)

**Focus**..... Grades 6-12

The Internet is full of resources for teachers... many are free! Learn how to organize content on the web, find searchable databases of lesson plans, improve school-to-home communication, create a webquest, develop a mind map, and make a rubric. These tools help teachers become more efficient and effective in the areas of productivity, instruction, and assessment. Participants will see product demonstrations and classroom examples. Time will be given for hands-on instruction. Please bring curriculum materials to help create a new class resource.

**Course**..... Qwizdom I for Beginners

**Presenter**.... Rick Bell

**Room**..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

What is Qwizdom? The technical term for it is a Student Response System... more commonly known as "clickers." Students respond to questions on a PowerPoint presentation using a remote control. The teacher receives instant feedback throughout the lesson to gauge student understanding. At its most basic level, Qwizdom can be used to survey student responses. Learn how to use the system to help students become actively engaged. Participants are asked to bring curriculum materials to create a lesson that will utilize Qwizdom.



**8:30 – 11:30 am**

**August 11**

**Course**..... Review Games with PowerPoint & Mimio

**Presenter**.... Shawn Brandt

**Room**..... HS Ares Lab (140)

**Focus**..... Grades 6-12

Use PowerPoint and the Mimio Notebook to create some fun and engaging review games. Jeopardy, Hollywood Squares, and \$10,000 Pyramid are just a few examples. Bring curriculum materials to create review games for your classes!

**Course**..... PhotoStory: Digital Storytelling

**Presenter**.... Rick Bell

**Room**..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

PhotoStory is a free program used to create a digital slideshow. The software allows you to insert pictures, transitions, record narration, and background music. Participants are asked to bring curriculum materials to create a PhotoStory that can be used to introduce a unit or displayed as a student project example.

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**Course**..... Office 2007 or Open Office: Word, PowerPoint, Excel, & Publisher

**Presenter**.... Rick Bell

**Room**..... HS Apollo Lab (242)

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As this description is being written, it is unclear if students and staff will be using MS Office 2007 or Open Office. What is clear? The productivity software (word processor, presentations, spreadsheets, etc.) will be different at the elementary buildings next year. Get a head start on the year by learning how to use these applications efficiently and effectively.





**8:30 – 11:30 am**

**August 12**

**Course**..... Moodle I for Beginners

**Presenter**.... Shawn Brandt

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Do you feel like the capabilities of TeacherWeb are limiting what you want to do with your class website? Then you may want to consider supplementing your curriculum with this free, online course management tool. Used by universities as well as K-12 teachers around the world, Moodle is more than just a website. Teachers can post online quizzes, assignments, video, presentations, and discussion boards. Students can submit assignments and receive feedback from teachers. Participants will create a Moodle class, add content, and explore a variety of applications. Please bring curriculum materials to help add content to your Moodle site.

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**12:30 – 3:30 pm**

**August 12**

**Course**..... Learning Centers / PowerQuests

**Presenter**.... Shawn Brandt

**Room**..... HS Ares Lab (140)

**Focus**..... Grades 6-12

We know students have different learning styles. A student may be very intelligent, but struggle in a traditional learning environment. Learning centers can guide students through structured activities using self-paced inquiry and instruction. Technology helps make learning centers more interactive and engaging with audio, video, and the Internet. Participants will learn how to use PowerPoint to create a multi-media learning center that incorporates reading, writing, and listening skills into student activities. Please bring curriculum materials to help create a simple learning station.

**Course**..... Mimio: The Interactive Elementary Classroom

**Presenter**.... Rick Bell

**Room**..... HS Apollo Lab (242)

**Focus**..... Grades PreK-5

Learn the basics of the Mimio interactive whiteboard and use the features of the Mimio Notebook. This workshop will be appropriate for all levels of interactive whiteboard users. Participants will leave this session prepared to use the Mimio in their classroom. Hands-on training will be emphasized with a focus on using the hardware and creating lessons with the Mimio software. Bring curriculum materials for scanning and lesson creation.



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**Room**..... HS Ares Lab (140)

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**Presenter**.... Rick Bell

**Room**..... HS Apollo Lab (242)

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**Presenter**.... Rick Bell

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**8:30 am – 4:00 pm**

**August 17 – 20**

**Course**..... Intel Essentials Course  
**Presenters**.. Shawn Brandt & Rick Bell  
**Room**..... HS Ares Lab (140)  
**Focus**..... Grades PreK-12

**Prerequisite:**

Participants must attend four (4) TIP Workshops (12-hours) prior to the Intel Essentials Course.

**Graduate Credits:**

Participating teachers have the option to register for 5-quarter credits (equivalent to 3-semester credits). Credits are available through Portland State University for a total registration fee of \$275. The course is approved and credits can be applied toward lane advancement.

**Description:**

As teachers progress through this course, they collaborate with colleagues and discuss ideas for introducing and using technology in the classroom. Participating teachers develop a unit plan based upon their curriculum material. The goal is for each teacher to leave the course prepared to effectively implement a technology-enhanced unit that engages students in the effective use of technology to achieve standards.

**Curriculum Overview:**

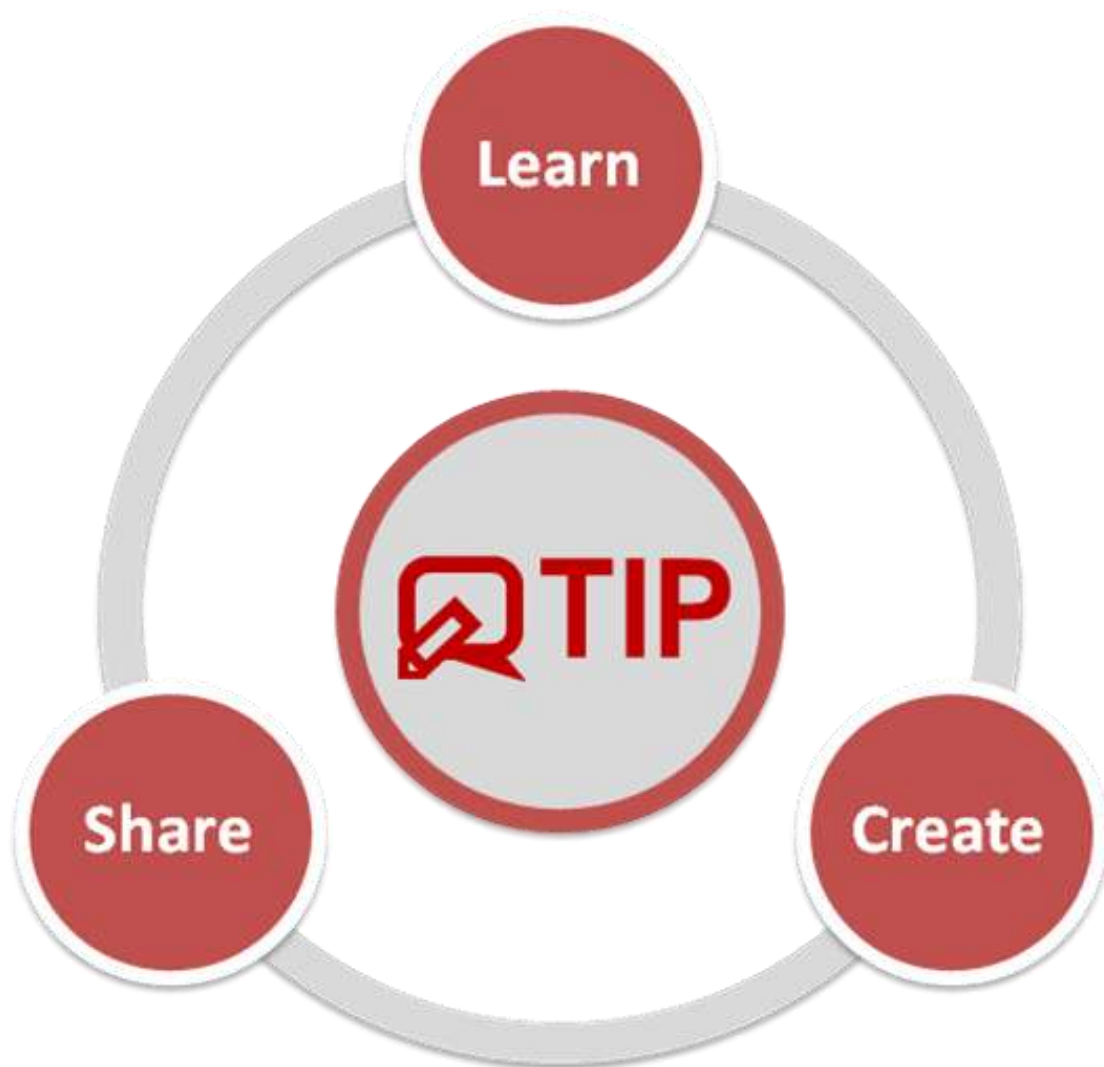
The Essentials Course is a hands-on workshop delivered through 8 curricular modules. The course curriculum supports:

- Instructional design, project-based learning, multiple methods of assessment, and promotion of 21st century skills
- Effective use of technology in the classroom
- Instructional uses of new communication and collaborative learning technologies
- Research and productivity strategies and tools
- Problem-solving and working in teams

**Website:**

For additional information, visit the [Intel Teach Program](#) website.

# Classroom Technology Request Plan



# Classroom Technology Request Plan

## What is the Classroom Technology Request Plan?

The Classroom Technology Request Plan is a process to help teachers successfully integrate technology into the curriculum. The plan provides training, support, and equipment/software for teachers who request technology for their classrooms.

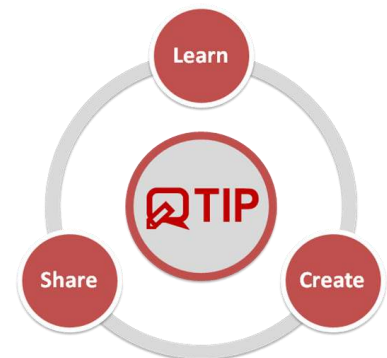
## What is the goal?

The goal of the Classroom Technology Request Plan is to help teachers acquire the knowledge, skills, and equipment necessary to effectively and efficiently integrate technology into the curriculum.

## What are the requirements?

There are three (3) components to the Classroom Technology Request Plan:

- Learn:** Attend district technology integration training opportunities. These include optional before/after school TIP Sessions, optional TIP Workshops, and scheduled one-on-one trainings with a technology integration specialist.
- Create:** Create a technology integrated Unit Plan based on NPAS curriculum, MN state standards, and the NETS\*S. The Unit Plan includes a student assessment and sample project.
- Share:** Present one technology integration session at a Staff Development Day and share the created Unit Plan.



## What request options are available?

The plan is designed to be flexible for teachers' time and variety of technology requests. Vouchers are equated to two different point value options earned within a two-year interval.

### Option 1 = 1,000 points

- Learn:** 20 hours of TIP training
- Create:** 1 technology integrated Unit Plan
- Share:** 1 Staff Development Day session

### Option 2 = 2,000 points

- 40 hours Intel Essentials Course
- 1 technology integrated Unit Plan
- 1 Staff Development Day session



# Classroom Technology Request Plan

## What is technology integration?

Technology Integration happens when classroom teachers use technology effectively & efficiently in the curriculum to improve student achievement. The objective is not learning to use technology; it is using technology to learn.

## Who owns the classroom technology?

All requested technology is the property of New Prague Area Schools. By completing the requirements of the plan, the participating teacher retains access to the classroom technology for each school year employed with New Prague Area Schools.

## What happens to the technology if the teacher moves to a different classroom or building?

The technology will move with the teacher to their new classroom. The technology may or may not be the same physical equipment. Individual scenarios will be considered on a case-by-case basis.

## How do I know how many voucher points I'll need to request classroom technology?

1,000 points each ..... • Mounted LCD projector with wireless keyboard/mouse  
• Mimio interactive whiteboard  
• Mimio wireless slate  
• Elmo document camera

2,000 points each ..... • Qwizdom student response system (clickers)

If you are requesting technology that is not listed, please contact one of the technology integration specialists for a voucher point value.

## What is the time frame to complete the requirements?

The three components (learn, create, share) must be completed within a 2-year interval. The Classroom Technology Request Plan calendar begins June 1 through May 31. Teachers may start on any date, but the entry point will be rounded down to June 1 of the first year.

## Who keeps track of the TIP training hours?

The technology integration specialists will document all of the TIP training participants. Teachers can use the TIP training template to track their individual progress and will receive clock-hour certificates for qualifying sessions.

## Who is responsible for loss or damage to the classroom technology?

All technology associated with the Classroom Technology Request Plan has been checked out to, and is intended to be used by participating teacher. Costs associated with loss or damage to the equipment outside of normal use is the responsibility of the participant.

# Classroom Technology Request Plan

## Under what scenarios can teachers fulfill the Classroom Technology Request Plan requirements?

The plan is designed to be flexible for teachers' time and variety of technology requests. Vouchers are equated to two different point value options earned within a two-year interval. The following scenarios are provided examples to demonstrate how teachers can tailor the training opportunities to meet their needs.

### Teacher requests classroom technology valued at 1,000 points (Option 1):

#### Scenario #1

**Learn:** 20 hours of TIP Sessions

**Create:** 1 technology integrated Unit Plan

**Share:** 1 Staff Development Day session

#### Scenario #2

**Learn:** 6 hours of TIP Workshops  
10 hours of TIP Sessions  
4 hours of scheduled one-on-one trainings with a technology integration specialist

**Create:** 1 technology integrated Unit Plan

**Share:** 1 Staff Development Day session

### Teacher requests classroom technology valued at 2,000 points (Option 2):

#### Scenario #3

**Learn:** 40 hours Intel Essentials Course (12 hours of TIP Workshops + 28 hours Intel Workshops)

**Create:** 1 technology integrated Unit Plan

**Share:** 1 Staff Development Day session

#### Scenario #4

**Learn:** 18 hours of TIP Workshops  
15 hours of TIP Sessions  
7 hours of scheduled one-on-one trainings with a technology integration specialist

**Create:** 1 technology integrated Unit Plan

**Share:** 1 Staff Development Day session