

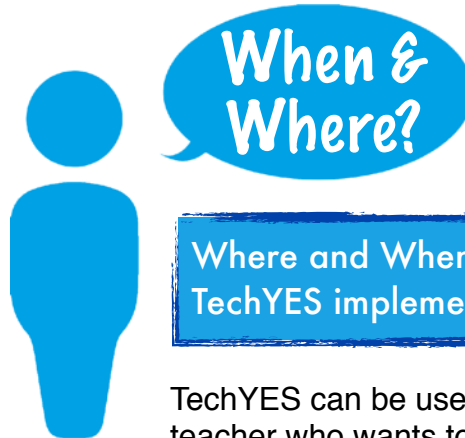
Why are schools doing TechYES?

Schools have always valued project-based learning (PBL) as a method to help students learn academic content. PBL allows for deeper understanding of concepts and helps relate learning to the real world. It allows students to be creative, learn from mistakes, collaborate, and utilize modern technologies.

TechYES encourages all students to complete technology projects that are creative and personally involving. These projects are the basis for TechYES evaluation and certification. Projects are tracked and assessed online, using easy to use tools for students and teachers. TechYES provides all the necessary resources: online student guide, customized teacher/advisor materials, handouts, resources, portfolio space for student projects, online project and assessment tools, certificates, messaging and forums, and a Showcase of exemplary student projects.

TechYES Teachers' Guide

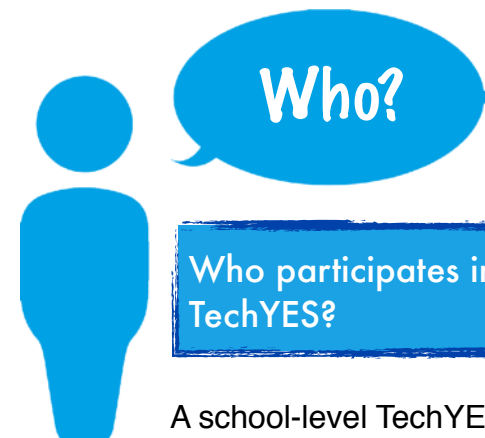
This Guide is meant to address the why, when, where, who, and how of TechYES.



Where and When is TechYES implemented?

TechYES can be used by any teacher who wants to assign, monitor and assess student project's related to their students' learning outcomes. This would include schools with technology elective classes where students aim to meet ISTE NETS performance indicators by creating projects and using the optional comprehensive technology literacy curriculum (TLC).

Teachers can assign as many projects as they like and can include any technologies at the students' disposal. This can include culminating and community service projects.

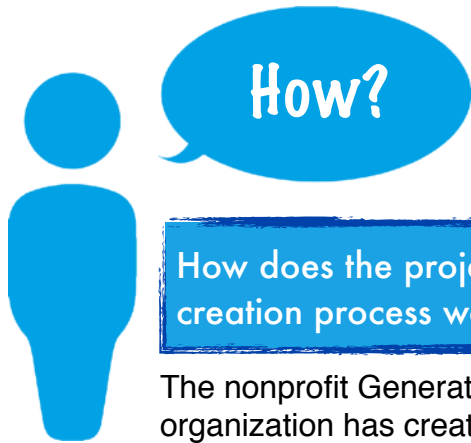


Who participates in TechYES?

A school-level TechYES facilitator will prepare a team of Student Technology Leaders (STLs) to support students in this project creation process.

In a school, TechYES can be used by any number of teachers with any number of their classes. Licensed students can do multiple annual projects in any of the classes that they take.





How?

How does the project creation process work?

The nonprofit Generation YES organization has created an online environment called TechYES to provide the scaffolding for this process.

This web environment provides a process that supports a school's learning goals and has built in alignment to Common Core State and NGSS Standards and Processes.

This flowchart provides and overview of the process.



Project Creation Process

How a typical project is created using the TechYES website

Teachers will...

Determine what the focus of the annual project will be.

Decide when the students will be given the assignment and when will it be due.

Login to the website and create a class for each of their participating classes.

Make sure their students have a TechYES account, login, and join one of their classes.

Send the assignment to the class

Create the online lesson plan and grading rubric. Check out the shared lesson plans and project showcase to get ideas.

You can look at page 4 for help with the underlined terms.

See next page

Project Creation Process

How a typical project is created
using the TechYES website

Meet with STLs to describe the assignment's goals and deadlines so they can help students finish and assess their projects.

Have students create a new project based on the assignment.

Did you know?

There are 24 ISTE NETS skills students can obtain.

Have students upload or provide links to their project.

Have students complete the project plan. Teachers can read the plans and approve them via the comments link.

Have students self-assess the project.

Ensure that an STL assesses the project. This is not required but recommended.

Assess the project for both academic and ISTE NETS standards. Academic standards will be based on the teacher-created rubric and the NETS standards will be pre-populated from the student's project plan and assessment.

Did you know?

The Showcase is for projects that go above and beyond your expectations.

Have students, if necessary, modify the project based on assessment and re-upload or relink project.

Approve the project and showcase it if it is exemplary. Once approved no changes can be made by anyone unless the teacher unapproves the project.

Overview My Assignments (4) System Notifications (7) Announcements (3) User Messages (2) Join Class

Join a Class

* Teacher

* Class

Please select a teacher first.

Join Class

Students can join a class from the Join Class tab.

Lesson Plans ▾

- My Lesson Plans
- All Lesson Plans
- New Lesson Plan**
- Shared Lesson Plans

The New Lesson Plan and Shared Lesson Plan pages are accessed from a drop down under "Lesson Plan" on your blue bar.

Dashboard Projects ▾ Classes ▾ Lesson Plans ▾ People Forum Learn Showcase Reports ▾

The Showcase can be accessed from here.

* Class

* Name

* Due date

Close Create Assignment

On the My Lesson Plans page, accessible from the Lesson Plans tab on your blue bar, you will see a list of lesson plans. There is an "Assign" button you can use to create an assignment for the class which brings up these options.

Project Creation Process

Screenshots to help navigate the TechYES platform

Overview My Assignments (5) System Notifications (7) Announcements (3) User Messages (2) Join Class

My Assignments

Assignment Name	Due Date	Projects	Class Name	Action
Researching Ancient Cultures	2013-09-10	0	History	View New Project

Students making a new project based on an assignment should click New Project next to their assignment name.

Summary

Project Information

Project Plan

Project Links & Files

Academic Standards

Student Assessment

STL Assessment

Teacher Assessment

Comments

Comment

There are 1 comments at this point

Good work on your project plan! You described your goals very well.
— Benjamin Hall on 2013-09-03 @ 9:19 PM

New Comment

Create Comment

Teachers can use the comments link to communicate with students about their projects.