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Technology Integration Instructional
Strategies

Google Classroom

This technology integration provides a teacher and student interface platform for both the traditional and online classrooms. Google Classroom allows teachers to build an online classroom area in which will manage student documents. Applications such as Google docs, sheets, and slides are stored on the cloud-based Google Drive. Teachers can make student assignments and announcements, store documents and facilitate collaboration between teachers and students. Google technology and their many apps often improves student to student collaboration.

How to Use

1. Open a Web browser and go to classroom.google.com. You must sign in with your Google Apps for the education account.
2. On the Welcome screen, click the plus sign at the top and choose Create Class.
3. In the Create a Class dialogue box, type in the Class Name and Section.
4. Click Create.
5. Add students
6. Go to <https://teachercenter.withgoogle.com/first-day-trainings/welcome-to-classroom> and take their excellent training modules to learn about adding assignments, documents, quizzes, etc.

When to Use

1. In the event the school must close for an extended period.
2. Students use technology every day and will be more apt to take ownership in their learning.
3. Improve facilitation between students.
4. Saves time with an all in one platform.
5. Google is offered at no cost.
6. To incorporate multimedia

Variations

1. Courselle is a free cloud learning management system with a built-in course authoring tool that helps you to quickly build professional-looking e-learning with multimedia.
2. Edmodo is a free social learning platform that provides a safe environment for students and teachers to connect and collaborate.
3. Schoology is a free learning management system (LMS) and social network that makes it easy to create and share academic content.

<https://www.thetechadvocate.org/10-benefits-of-google-classroom-integration/>
<https://www.dummies.com/education/internet-basics/what-is-google-classroom/>
<https://www.aeseducation.com/blog/2016/10/how-to-use-google-classroom>

Twitter

Twitter is one of the most popular social media and newsfeed platforms on the web. Users can tweet (post or share) what they want to say, assuming they can fit it all into 280 characters. Classroom applications are numerous. Teachers can create a private class account that students can log into. Twitter is very popular with students. They will be motivated to use the platform as it is a common practice.

How to Use

1. Go to www.twitter.com to get started and create an account.
2. Go to <https://learn.g2.com/what-is-twitter> to learn all about using the platform. The teacher must become familiar with Twitter before introducing as a classroom learning tool.

When to Use

1. Students use and like the platform and are motivated to use it for the classroom.
2. Solicit student feedback.
3. Collaborate on ideas.
4. As a reminder tool.
5. Notes for an upcoming exam.
6. Communicate outside of class per school rules and regulations.

Variations

1. Mastodon is a decentralized microblogging engine. Decentralized, no worries about a single company controlling your communications
2. Facebook is a popular free social networking website that allows registered users to create profiles, upload photos and video, send messages and keep in touch with friends, family and colleagues.
Facebook
3. Diaspora is a federated social networking service, designed to be a more privacy-aware alternative to [Facebook](#) . Share what you want, with whom you want. Diaspora lets you sort your connections into groups called aspects.

<https://www.teachhub.com/top-22-ways-use-technology-classroom>

<https://www.commonsense.org/education/articles/7-ideas-for-using-twitter-in-the-classroom>

<https://learn.g2.com/what-is-twitter>

<https://www.teachhub.com/top-22-ways-use-technology-classroom>

Classroom Website

This technology integration provides an excellent communication channel between the teacher and the student's parent(s) or guardian. Websites are relatively easy to set-up and some are free. Most teachers use Weebly. The direct communications with the parents about up-coming events and information specifically for their child's classroom can be a big advantage. It also stimulates parent and child conversations about what is happening in class.

How to Use

1. Decide on a website developer that will host your site for free. Weebly is free and it is used by many teachers.
2. Go to <https://www.scholastic.com/teachers/blog-posts/genia-connell/create-impressive-class-website-under-hour> to start your website provider search and get ideas for you website.
3. Ask a peer about here website and look at how they are using it.
4. Once you are up and running share your website with your peers to encourage them to do the same.

When to Use

1. To increase parent participation and knowledge of the class.
2. When you want a more individualized website than what the school offers teachers.
3. Post welcome letters to parents and students.
4. Highlight student successes in the classroom (per school rules)
5. Inform parents of their child's upcoming assignments to gain involvement.
6. School supply lists
7. Special announcement.

Variations

1. Have students publish a monthly newsletter with the type of information listed above and email it to parents.
2. If available, use the schools standard website for teachers.
3. Use a Twitter private account regularly as an alternative.

<https://www.scholastic.com/teachers/blog-posts/genia-connell/create-impressive-class-website-under-hour/>