# E-TIP
## Educational Technology Integration Pointers

## Distance Learning Online - Part 1

Distance learning online can be an **effective learning strategy** for students who are **out of class for an extended period of time** in addition to simply combining distance learning with in-class activities. This is all possible through a **Flipped Classroom**, which flips learning so that **instruction happens at home**. Students develop a **deeper understanding** of material when they "teach" it to themselves.

There are **many great advantages** of flipping the classroom, which are possible for all subject areas. Students are more **engaged** and **focused** because they **control the pace** of the lesson, and there are **fewer distractions**. It's like one-on-one teaching, so students can learn at their own pace by stopping, pausing, rewinding the videos. As a result, they pick up on the smallest details. In addition, lessons can be **re-watched** before tests as **review** or watched by absent students. Another great benefit is that once your flipped lessons are made...you can use them over and over again!

Especially with the usage of resources such as **Google Classroom**, Forms, and Docs, flipping the classroom for online distance learning has **never been easier**. Posting daily assignments on Google Classroom can be easily kept in order with **due dates** and **turn-in portals**. An announcement can be made to instruct students to read certain page numbers in their books, visit a certain website, watch a video, write a paper, to create a project, or to do a set of homework problems. Then, all of the assignments can be easily turned in to the assignment portal. Students could **complete these assignments using digital resources**, like Google Docs or Slides, or they could complete homework, like math problems, on paper. They can then **take a picture of their paper and upload it** to the portal.

## Logistics of Online Distance Learning:

There are many **things to consider** when planning on creating a flipped classroom and creating online distance learning. Among the most pressing issue is that every student needs to have **access to a device at home** to view the assignments and to turn in their work. In addition, students must also have **access to the Internet** and to **Wi-Fi** depending on the device.



## Solutions:

At the beginning of the year or before starting online distance learning, **send out a survey** in class to gather information on **what students have access to at home**. It may be a good idea for the students to have their parents/guardians sign off on this survey, so that they know that their child will be needing access to these resources and have been truthful with what resources they have access to. **Google Forms** is a great resource to create a survey and track the results for students and/or parents to quickly take.

If students **do not have access to a device**, a school **Chromebook and charger could be signed out to them**. It is important that all information about the Chromebook (serial no., asset tag number, and the current condition of the device) is **kept track of in a spreadsheet** of loaned out

devices. This way, the school can **track** if there are any **damages** and who has each device.

If students **do not have Wi-Fi**, there are **portable Wi-Fi routers** for about $30 or less on Amazon. Schools could invest in a few of these devices and lend them out in a similar fashion as the Chromebooks. In addition, students could visit **libraries** and **community centers**, which are great resources to access devices, Internet, and Wi-Fi. Teachers can create **customized plans** with these for when assignments are due and what resources are used.

**Resources:**

For **video lessons** for students to watch for grades ELA 2-8 and most math courses, **Khan Academy** is a great resource: https://www.khanacademy.org/

To assign speaking exercises where students can **answer** your verbally-assigned questions **verbally**, **Lingt** is a great resource: https://www.lingt.com/

If students need to complete an assignment with **audio and visual** aspects, **WeVideo** is another great resource: https://www.wevideo.com/

A great resource for students to practice their **coding skills** at home is **Tynker**: https://www.tynker.com/

A **storytelling resource** for students to create projects is **Flipgrid**: https://info.flipgrid.com/

For help **customizing** distance learning **lessons** for your students with these or similar resources, contact us at https://www.mys3tech.com/contact/.

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**Check out our other E-Tips to assist in distance learning online:**

Vol. 10 - Recommendations for your Chromebooks: http://bit.ly/Chromebook_Recommendations

Vol. 14 - Use Technology for Poetry: http://bit.ly/TechPoetry

Vol. 18 -Teaching Students about Reliable Sources: http://bit.ly/Reliable_Sources

Vol. 19 - Communication through Technology with Parents and Students: http://bit.ly/Tech_Communication

Vol. 34 – Technology in the Math Classroom: http://bit.ly/Math_Tech

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*Coming soon: be on the lookout for Part 2 of this E-Tip!*

**Find more E-tips at https://goo.gl/qPn7bN.**