

### Teacher Positives:

- One access point-efficiency- phone, computer, tablet, etc.-Classroom has an APP
- Organization is automatic- past and future assignments always available
- Timely feedback for grading-as well as grading revisions-instantaneously
- “Paperless” world- saves paper and lugging papers to grade
- Digital instructional process available
- “New Generation”- immediate teacher/student connection using technology
  - 24/7 access - updates are instantaneous
  - Automatic relationship with student - there’s a student/teacher connection.
- Accountability- No discrepancies on turn in time of assignments
  - Everything is timestamped - prevents any argument or miscommunication
- Simplicity-You don’t need to be super tech savvy
  - Teachers of lower level courses (such as myself with 9th graders in Spanish 2 can easily set the foundation of assignment submission in Classroom).
- Ownership changes to teacher when assignments turned in (docs)
  - Assignments cannot be edited after the due date / turning in unless “unsubmitted.”
- Teacher can view revision history for a timestamp.

### Teacher’ Negatives:

- Technological limitations-access to computer, server issues, etc.
  - Proxy server causes approximately 20 minute wait times (i.e.: half the period) which can be a very large waste of time. Works GREAT when on Chromebooks in the library or with Chromebook carts. → This is a Candor-specific network problem, but may occur in other districts with similar filtering / proxy server software.
- Teacher to teacher sharing of assignments not available yet-especially important for co-teaching and special education support- only one teacher allowed. THE WORD IS THIS WILL BE RESOLVED BY THE BEGINNING OF SCHOOL YEAR
- Cannot delay or schedule assignments ahead-only one at a time. Cannot organize by topic, only by time (**not sure on this one**)
  - Have a date when an assignment opens so that you can “front-load” assignments at the beginning of the school year / quarter / week / unit.
- Cannot use .5 points when returning assignments
- No email access for google notifications (not Candor-but other schools perhaps)

### Student Positives:

- They will not lose any work completed or turned in- folder is automatically created for student in Google Drive
  - One access point-efficiency- phone, computer, tablet, etc.- assignments and directions
  - Seamless transition / transport of their work / files between home and school (and wherever they are)
- Classroom has an APP- take an image/picture and turn in it using app

- Assignments and directions are always available-even when the teacher or fellow student is not available
  - Other resources are available as links (e.g.: another teacher across the country who publishes a “flipped” instructional video on the topic you’re teaching)
- Timely feedback for grading-as well as grading revisions-instantaneously
  - Students can reach out to their teachers within Classroom - there’s a link to email and they can post on the Stream.
- Consistency- familiarity usually breeds comfort for a student
- Using Google Docs will offer many positives- such as sharing of documents, literacy within the Google Apps for Education domain
- Google Voice - audio files - GREAT for FL students, ELLs, and anyone desiring additional / differentiated support.
- Add-ons / Extensions for Chromebooks and Google Chrome browser
  - Allow you to save time, great productivity tools (e.g.: Easy Accents for Spanish class assignments)
- College-readiness: Familiarizing students with a Course Management System in HS will be a huge service.

### **Student Negatives:**

- Technological issues- lack of skill to navigate, authorization, slow computers, etc
- Access issues - in a flipped environment, how will students without home access be able to succeed?
  - The potential for 4G access points for students to take home, logistics of providing a device (and access) for each student
- Preference for “pen to paper” style - taking a student out of what they are comfortable with
  - Some students are very uncomfortable with online quizzing and assessment; prefer to complete assessments on physical paper
  - When a Google Forms quiz was given in Ben’s Spanish class, many students’ scores decreased dramatically (about 20 points on average). When they retested on paper, their scores were back to normal.
- Toggle Toggle- answering questions on a document while doing research can be a an inefficient method.
  - Potential for loss of information if not connected to Google Drive
- More work! copying from hard copy to digital
- work only accessible through Classroom and not having the hard copy
  - Students have requested a hard copy of assignment - they are provided one hard copy on request. If they lose a hard copy, they have to go to the assignment and print it out.
- no email access for google notifications (not all schools have email access enabled).