



Science Technology Engineering Art Math

Create Discover Explore

The Center for Developing Excellence STEAM Academy

We emphasize the FUN in teaching the FUNdamentals!

Green Screen Productions

Objectives: Students will...

- Use the app Do Ink to make a short video with the use of a green screen

Time Required: 2 – 45 to 60 min class period (3 periods if the students are going to present their production)

Materials (For class of 20 students working in groups of 4):

- 5 - iPads with the Do Ink app installed
- iPad adapter to computer projector
- Computer projector
- Access to the Internet
- One “production studio” which includes:
 - o Tripod
 - o 2 studio lights with stands
 - o Large fabric green screen (Amazon)
 - o Microphone (boom mic set-up if possible)
 - o Microphone adapters for iPad (Amazon)
 - o iPad holder to attach iPad to tripod (Amazon)

- o Extension cord

Procedure:

PREP

- Make sure you have enough iPads for each group of 4.
- Load the Do Ink green screen application on each of the iPads.
- Set up a simple green screen studio in your classroom (see photo).



IN CLASS

- Pass out one iPad to each of the groups.
- Using an iPad and the computer projector, go through how to use the Do Ink app.
- Have the students work in their groups to create a **one-minute** video using the green screen program Do Ink (the students should import images from Google images or videos from sites like <https://www.videvo.net/> to their camera roll that will act as their backgrounds before they begin their green screen video).

- Tell the group that each member of the group will assume a responsibility for the production of their video. Have them select their role from the list below:
 - Camera operator (will work the iPad)
 - Boom mic operator
 - Teleprompter controller
 - Actor (person in front of camera)
- Give the students time to design the images and script for their video.
- Demonstrate to the students how to mount their iPad on the tripod.
- Have the students record their videos when they have finished their outlines.
- Give the students time to edit their videos into their final presentation form using the Do Ink app.
- Let the students present their videos to the class, or if time does not permit this, download them to YouTube for later sharing. You can also have your students download their videos to programs like iMovie so that they can do more elaborate editing and add music through programs like GarageBand.

Assessment:

- Successful completion of their videos

Extension:

- Watch a practical application of green screen effects on Henry Ford's Innovation Nation: <https://www.youtube.com/watch?v=LevU6dQS13o>
- This is a student produced ad for the STEAM Academy: <https://www.youtube.com/watch?v=UOzZoaUhWCE>

