Live Video Announcements on Location
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tinyurl.com/livevideoannouncements
Doing Live Video Announcements On Location

It's an exciting time in the world of live video production, the tools have gotten easier to use and cheaper. Come hear about how we are doing live video announcements with "live on location" reporters. We'll talk about network video transmission, green screens, audio considerations, and whatever else you're interested in. And all with students running the show.
Why would we do this?
Software

OBS (Open Broadcaster Software) Studio

NDI (Network Device Interface) Tools and NDI Plugin for OBS

vMix Desktop Capture for NDI

Skype for Content Creators (or similar) for remote talent

Sketchup for creating virtual sets (or students can draw virtual sets)

TouchOSC Bridge for remote control of switcher

Reflector or Airserver, and Airparrot
Sites and Services

YouTube, Facebook, or Mixer as a streaming destination

- paste streaming key into OBS

Google Docs for teleprompter

- shared with student producers and staff, alternating line colors

Google Slides or PowerPoint or ProPresenter for on-set "TV"

- with VMix Desktop Capture

Vidvo and others for motion backgrounds and lower-third animations
Hardware

Logitech C920 webcam or Microsoft Lifecam HD 3000

Rock Band or Singstar microphones, Blue Nessie microphone

Inexpensive lapel microphones and USB sound cards

Computers (mostly old, but one newish)

old phones or tablets for remote cameras

Network infrastructure

Green screens (and lights)
Licensing

Creative Commons and Public Domain

O Canada

Motion backgrounds

Background music (for pre-roll slideshow, etc.)

Ideally create your own
Media Sources

- any downloaded source materials need to be [creative commons](https://creativecommons.org) (without NoDerivs) or [public domain](https://www.copyright.gov/pdm/index.html)
  - music:
    - [YouTube Audio Library](https://www.youtube.com/audioLibrary)
    - [Jamendo](http://www.jamendo.com)
  - sounds:
    - [freesound](https://freesound.org)
    - Pond5
    - SoundBible
  - video:
    - [Vidvo](https://www.vidvo.com) (avoid the "Sponsored by Shutterstock" row and only use videos marked **FREE**)
    - [Stock Footage 4 Free](https://www.stockfootage4free.com) (also has photos)
    - Pixabay
    - Videezy
    - Vimeo
    - [YouTube](https://www.youtube.com) (under Filters choose [Creative Commons](https://creativecommons.org))
  - photos:
    - [Pexels](https://www.pexels.com) (also has video)
    - [Flickr](https://www.flickr.com)
    - [Google Image search](https://www.google.com) (under Tools choose Usage rights then [Labeled for reuse with modification](https://creativecommons.org))
  - various:
    - [Archive.org](https://archive.org) (check the licence information at the bottom of each)
Permissions and Notifications

- Administrators
- Parents
  - and perhaps School Council
- Colleagues
- Information Technology
Other Considerations

- land acknowledgement
- weather and sports
- "Friday Funny"
- ensure you have enough bandwidth (although that shouldn't be a problem)
- get more staff members involved
- lunch hour rehearsals
- have students take ownership
  - they run the show
  - they train next year's crew
Questions?