

Creating videos for the ADST classroom

Michael Holbrook – mholbrook@deltasd.bc.ca
<http://holbrooktech.weebly.com/for-teachers.html>

This workshop covers the basics and introduction to creating video resources using digital cameras or/your phone that can be viewed by your students and other teachers for either safety lessons, project tutorials, demonstrations, etc.

Topics:

1. Script Prep

- Concentrate on the important content
- Include any safety information at the start of the video
- Final video shouldn't be the same length as your real time building

2. Audio capture and lighting

- The more light the better! Students need to see what the content is!
- Audio should be clear and easy to hear with both headphones and/or computer speakers. Background noise can be distracting. Consider a LAV MICROPHONE
- Speak clearly and don't be afraid to redo a segment if you make mistakes

3. Camera setups

- Camera stability helps for students to concentrate on your content and not be distracted. We aren't usually filming an action movie scene. Use a tripod!
- If you can use two cameras to show different angles it can be a game-changer for some projects.
- Get students involved!
- Doing screen capture on the computer to show Autocad or something? Check out <https://obsproject.com/> for free software to record your screen!

4. Simple Editing

- Use editing software that is available and works for you. Don't let the video drag out. Cut out anything that doesn't help the final goal.
- If you can adjust audio to sound better do it!
- Add text/titles with key information like measurements, ratios, tools names, etc. Add text/subtitles if you forgot to say something with your voice!

5. Online Sharing

- Use your teacher website and YouTube! If you don't want your videos completely public set them to UNLISTED and post the video onto your teacher website for your students to access.
- It is ideal to have a PDF or set of plans available to download to accompany a project video

Want to go shopping for video gear? Visit my website for some basic recommendations!

Make some notes:

1. Script Prep

2. Audio capture and lighting

3. Camera setups

4. Simple Editing

5. Online Sharing

Homework:

In the next month I want each of you to try and make a short (3 minutes-ish) instructional video and send it to me or share on the group BCTEA Facebook page.

I want each of you to force yourself to try this and put yourself out there for comments and constructive criticism.

We all build and teach differently. Having each other as mentors can help with ideas, or things we may not have even thought of during our teaching and classroom processes.

Email me! **mholbrook@deltasd.bc.ca**

Send a **link** to your video. Don't send me the giant video file as my inbox has a limit!