

**Interactive elements in creating MOOCs and
video editing tools**

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About videos

- Videos are one of the most important learning resource in MOOCs.
- Videos help learners understand hard concepts and make MOOCs interesting.
- The number of videos MOOC learners view is positively correlated with their course performance.
- Watching more videos is linked to better course performance and completion rates.

Source: Using Learner Reviews to Inform Instructional Video Design in MOOCs
<https://pmc.ncbi.nlm.nih.gov/articles/PMC10135728/>

Tips for creating educational videos

- **Keep videos short.** Ideally around 10 minutes, since learner attention starts to decline after the 6-minute mark.



What is a MOOC?

Tips for creating educational videos

- Enhance videos by incorporating the presenters image alongside PowerPoint slides.



Tips for creating educational videos

- **Videos should be technically universal.** They should be viewable on various digital devices and have a small enough file size to open even with slower internet connections.



Tips for creating educational videos

- **It is beneficial to add subtitles.** Especially if a MOOC has learners whose native language differs from the MOOCs language. Subtitles are not only for them but are helpful for anyone who finds it challenging to follow the instructor's spoken words without written text.



What is a MOOC?

Tips for creating educational videos

- **To better engage learners, add questions between the videos.**

Q2. The name of the e-learning environment where the course takes place is called...

Noodle

Moodle

Google

Doodle

Check



How to set up your webcam and lighting?

- Place the webcam at eye level or slightly above. Don't just look at the screen, look into the camera.
- Position the camera so that you are centered on the screen, with some space between the top of your head and the top edge of the frame.



How to set up your webcam and lighting?

- Adjust the lighting so that it comes from the front or the side. Backlighting will cast a shadow on your face. Use additional lighting if necessary.



How to set up your webcam and lighting?

- If you're using a laptop camera, elevate the laptop using books or a stand.

Looking Down = Unflattering angle and can put lights behind your head



Eye Level = Much nicer angle and has a more conversational look.



How to look good and be heard clearly?

- Dress appropriately for the call. Choose solid colors over patterns, as they look better on camera.



How to look good and be heard clearly?

- Check your background to ensure it's tidy and professional.

Job interviews in 2021:



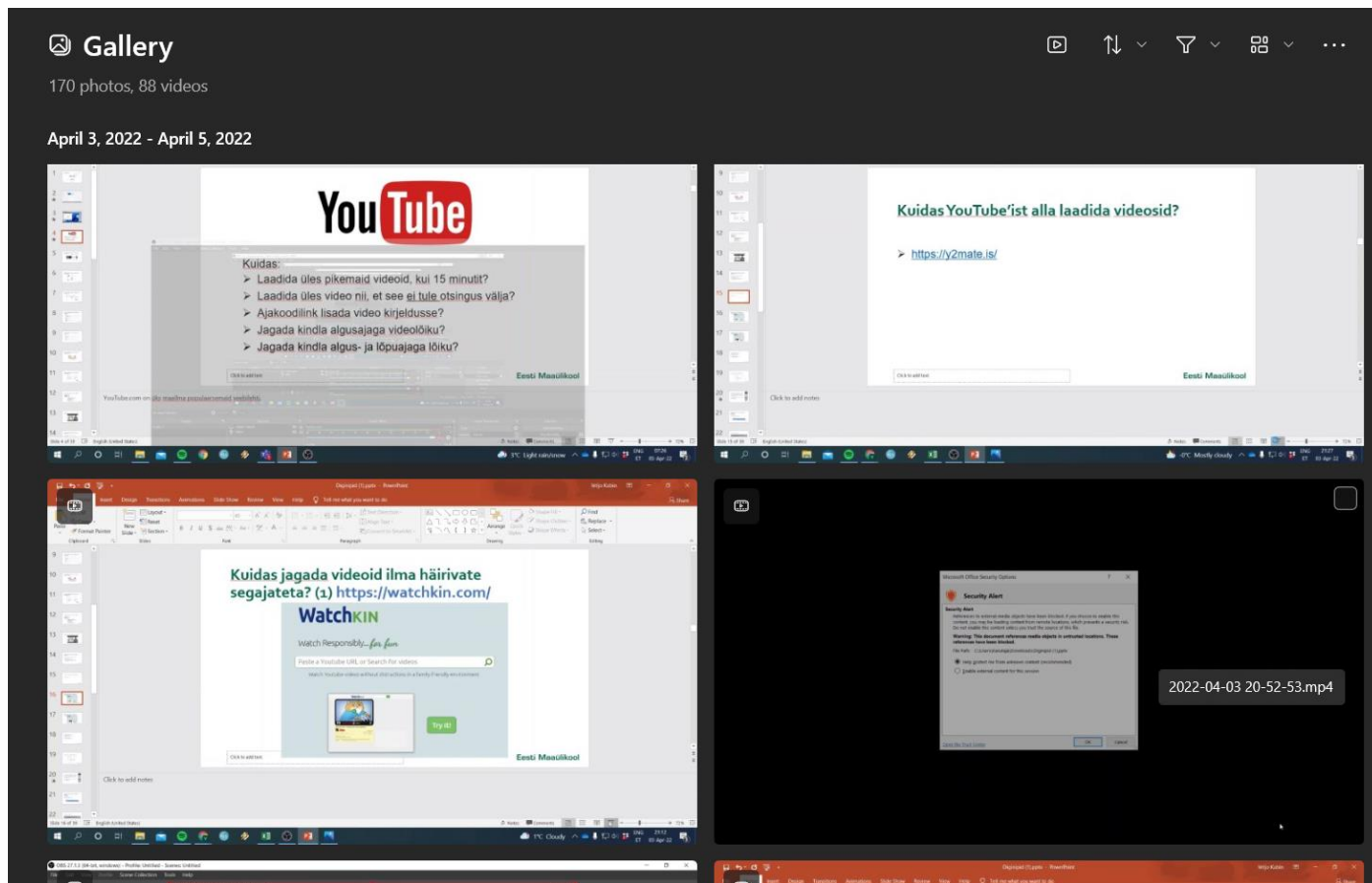
How to look good and be heard clearly?

- Use headphones or a headset with a built-in microphone for better sound quality. Your headphones likely have better sound quality than your computer.
- Ensure you are in a quiet environment to minimize background noise.
- Speak clearly and at a moderate pace.

Video editing

- Recorded material usually needs to be edited (cutting frames, background sound, graphics, adding special effects and titles) for which specialized software is used.
- For Windows 11 users, the Photos app can be recommended, as it is already pre-installed on the computer and allows for basic video editing.

Video editing



Video editing

The screenshot displays a video player interface. At the top, there is a 'Trim' control with a play icon and a 'Save as copy' button with a dropdown arrow, and a 'Cancel' button. The main content area shows a browser window with the WatchKIN website. The website has a light blue background and features the 'WatchKIN' logo in blue and green. Below the logo is the tagline 'Watch Responsibly...for fun'. A search bar contains the URL 'https://youtu.be/Cy2U6GtojDk'. Underneath the search bar, it says 'Watch Youtube videos without distractions in a family-friendly environment'. There is a small thumbnail of a YouTube video with 'BIG AD' overlays and a green 'Try It!' button. At the bottom of the browser window, there are links for 'FAQ', 'Contact', 'Watchkinize', 'Auto-Redirect', and 'Donate'. The video player's progress bar is visible at the bottom, showing a current time of 00:29.42 and a total duration of 02:24.33. The system tray at the bottom right shows the date and time as 03-Apr-22, 21:13, and the weather as 1°C Cloudy.

Video editing

- In addition, other free programs can be used, such as Flimora, ShotCut, OpenShot Video Editor or Da Vinci Resolve.
- The most common screen recording and editing tools are:
 - Camtasia Studio
 - Snagit
 - Screencast-o-matic
 - Panopto

Video editing

- It should be noted that the time required for video editing is much longer than the recording time, as the material often needs to be reviewed multiple times.