

2021 COORSTEK DENVER METRO REGIONAL
SCIENCE AND ENGINEERING FAIR

VIRTUAL PRESENTATION GUIDE

Rules, requirements, and recommendations for
creating an award-winning online science fair display!

Questions?

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REQUIRED MATERIALS:

*All students MUST have these elements
included in their online display*

Project Presentation Slides: PDF document of
up to 12 slides containing all project details that
would typically be on your poster board

Project Introduction Video: A 3-minute video
that introduces the viewer to your project. In other
words, your research 'Elevator Pitch'!

OPTIONAL MATERIALS:

Demo Video

Supporting Documents

COORSTEK

DMRSEF DENVER
METRO
REGIONAL
SCIENCE AND
ENGINEERING
FAIR

Required Materials



PROJECT PRESENTATION

- Project Presentation must be a single PDF document of no more than 12 pages.
- Page size must not exceed 8½" x 11" and should be in Landscape orientation.
- The PDF document must not include any animations or active hyperlinks (except for original source material in the references).
- The information on each page must be readable.
- The PDF document must open with the default magnification set to "Fit Page" so that the entire page is visible at the same time.
- All Project Presentation elements must conform to the same Display & Safety rules as the in-person fair. See page 4 for details.

DESIGNING YOUR SLIDES:

We recommend starting with one of the following pre-made templates:

- Science Projects
[PowerPoint Template](#) | [Google Slides Template](#)
- Engineering Projects
[PowerPoint Template](#) | [Google Slides Template](#)
- Math/Computer Science Projects
[PowerPoint Template](#) | [Google Slides Template](#)

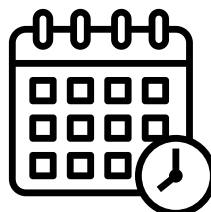
If using provided templates, do not change the page settings on the template – they are set up so that the template will print to pdf with the correct page size (8½" x 11") and orientation (Landscape).

You may add more slides as needed to the template, up to a maximum of 12 printed pages

Please be aware that if your progress to future competitions, your presentation may need to be adapted to fit their (stricter) requirements, such as black font on a white background.

At DMRSEF, however, you are encouraged to use your creativity to engage your audience in your project as long as you remain mindful of both professionalism and readability.

[CLICK HERE](#) to view CSEF's guide and detailed recommendations



DMRSEF Staff will be hosting a Presentation Preparation call on 1/13/2020 over Zoom, you can register [HERE](#) to join!

PROJECT VIDEO

What to include in your video?

Introduce Yourself:

- State your full name
- You may include your school and/or town if you wish
- Rather than reciting your project title, consider explaining your project in one or two sentences.

Explain Your Project:

- Summarize your research:
 - What did you do?
 - What did you find?
 - What conclusions did you draw?
- You may use props or visuals as long as they are within the Display & Safety guidelines (see page 4).

Tips for Filming:

- Film in a well-lit and non-distracting environment
- For best results, film your video horizontally (landscape).
- Keep the camera still and in place during filming.
- Speak clearly and loudly enough that the recording is able to pick up every word you say.
- Avoid long pauses and filler phrases
- Listen to your video after recording to ensure your voice is clear and audible, and that the video has not picked up too much background noise.



Posting and sharing your video

Your introductory video **must be linked from YouTube**, demos and optional materials may be uploaded into google drive. See below for full instructions.

- In YouTube, your video may be uploaded and posted as “unlisted” so that only those with a direct link can access it. Unlisted videos are not searchable or available to the public. You can choose to list your video publicly but should check with your parent or guardian before doing so.
- Google Drive is also a sharing option. Remember to set permissions so that anyone with the link can view your video.

Please Remember:

- **Videos should be no longer than 2-3 minutes and should broadly summarize your project.**
- **Students are the only individuals allowed to appear in the video, however, they are not required to do so.**



DMRSEF Staff will be hosting a Video Preparation call on 1/20/2020 over Zoom, you can register [HERE](#) to join!



Optional Materials

DEMO VIDEOS

If there is a component of your project (e.g. a device) that you would like to demonstrate, you will have the option to upload an additional video.

- The project demo video must be no longer than 1-2 minutes.
- Props/visuals used must not violate any normal D&S safety guidelines for in-person science fairs (see page 4).
- Student researchers must follow all risk assessment protocols outlined in their Form 3 (e.g. use proper PPE in the video).
- The project demo video may include people other than the student researcher(s) as long as they are not identifiable (no faces).
- Supplementary materials must be uploaded to Google Drive or other external site.

SUPPORTING DOCUMENTS

If you would like to include a section of your project notebook or other supporting materials, you may do so. Please note that this is considered supplementary information that is not included in the judging rubric. You will not be penalized if you choose not to include these materials.

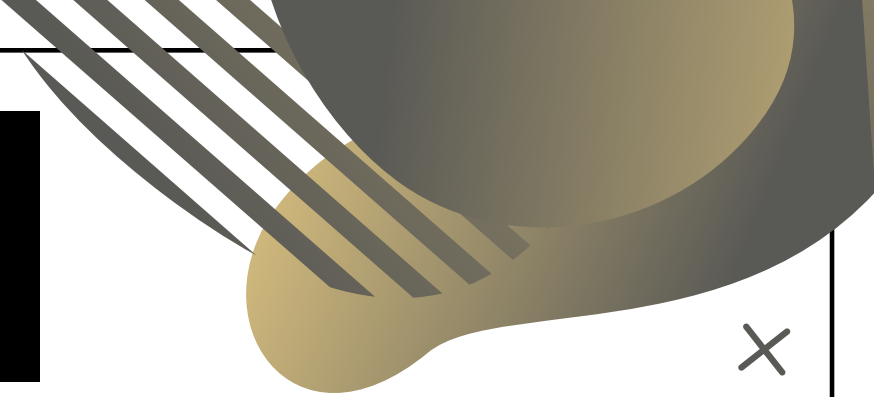
- This single document should be no more than 12 pages and can include, but is not limited to:
 - Up to 12 pages of a lab notebook
 - Written work relating to your project
 - Photos in compliance with D&S Regulations

Remember:

Your virtual display is meant to represent your project entirely on its own!

The virtual fair will be open to judges and community members prior to interviews, and they should be able to understand your project without you there to explain it for them.

DISPLAY AND SAFETY RULES



Please be sure your virtual display contains none of the following:

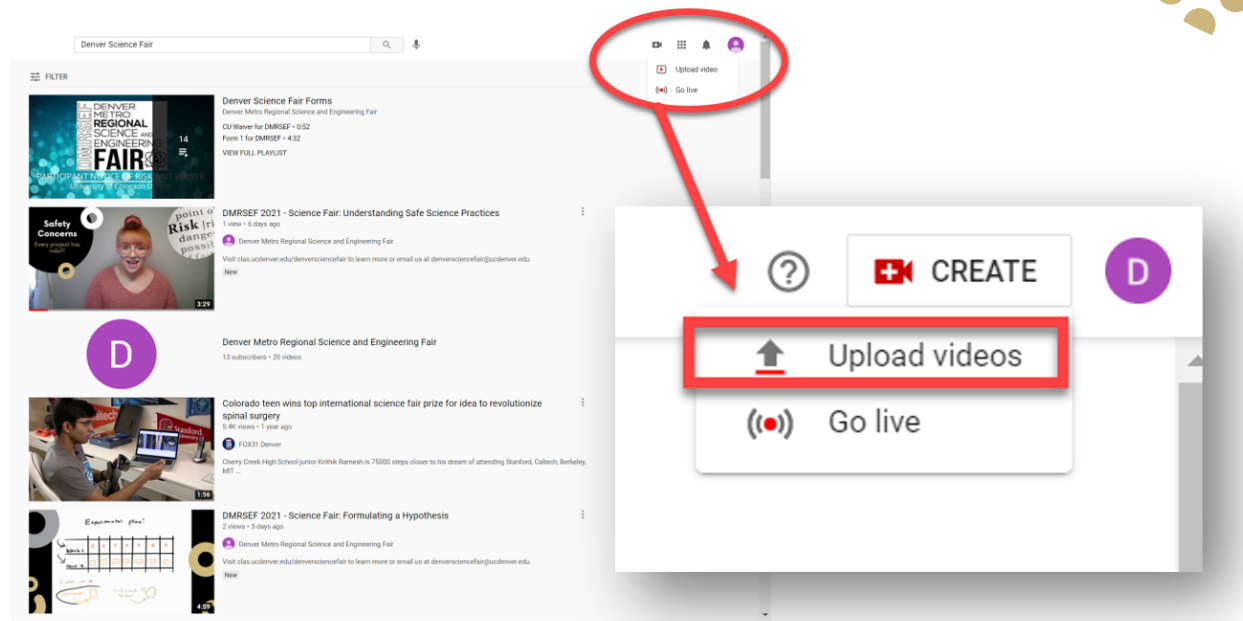
- Logos, trademarks, flags, patent status, (written or graphic), awards or medals.
- Personal information (addresses, social media accounts, phone number, etc.) of finalist.
- Animations or active hyperlinks.
- Prior year's written material or visual depictions
- Anything labeled as "Abstract".
- Acknowledgements (written or graphic) of people or labs.

Photographs, visual images (including background images), charts, tables and/or graphs are allowed if:

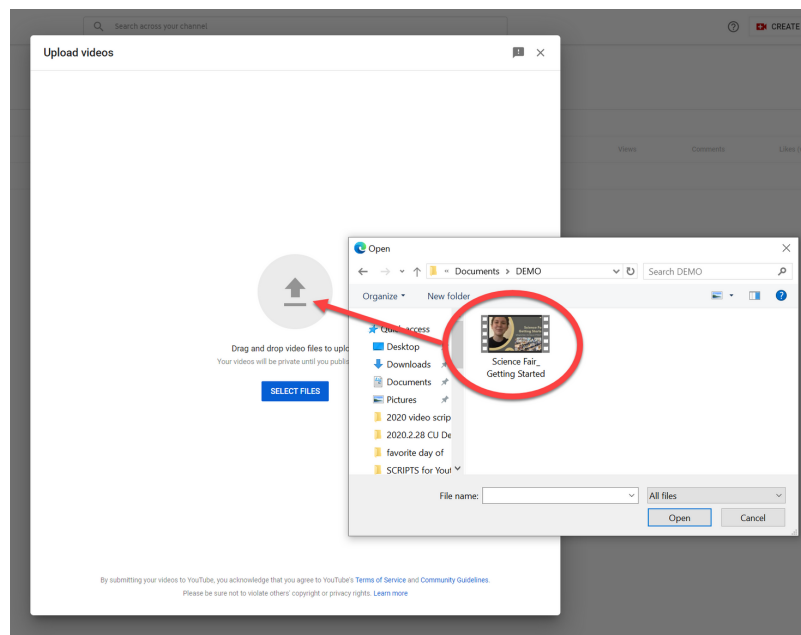
- They are properly credited.
- If all photos, images, graphs, etc. were taken or created by the student researcher, then a single statement to that fact should be placed on the Title Page of the Project Presentation.
- If the photos, images, graphs, etc. come from different sources, then EACH individual photo, image, graph, etc. must have its own credit line below it.
- They are not deemed offensive or inappropriate (which includes images/photos/videos showing vertebrate animals/humans in surgical, necrotizing or dissection situations) by the SRC, Display & Safety Committee or DMRSEF staff.
- They are from the Internet, magazine, newspaper, journal, etc. and a credit line is attached immediately underneath it.
- They are photographs or visual depictions of the student presenter(s).
- They are photographs of a person other than that of the student presenter(s) as long as there is a photo release signed by the subject, and if under 18, also by the guardian of the subject. Photo releases must be uploaded with the researcher's project plan for verification.

UPLOADING AN UNLISTED VIDEO ON YOUTUBE

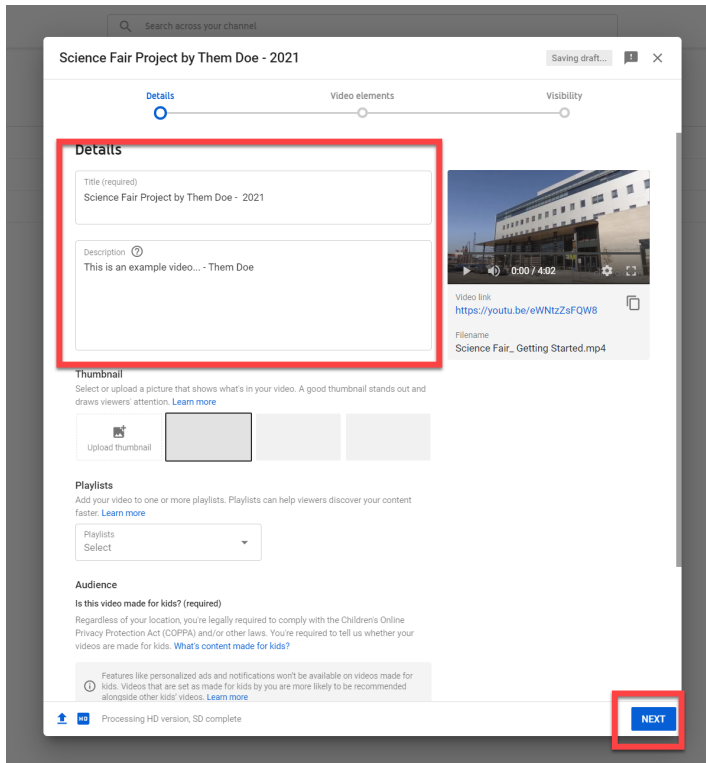
LOCATE THE “CREATE” BUTTON IN THE UPPER RIGHT-HAND CORNER OF YOUTUBE.



SELECT “UPLOAD VIDEOS” AND SELECT THE FILE YOU WISH TO SUBMIT:



TITLE YOUR VIDEO AND FILL IN APPROPRIATE DESCRIPTIONS AND OPTIONS. UNDER “VISIBILITY”, SELECT “UNLISTED” AND SAVE YOUR UPLOAD.



The screenshot shows the 'Details' tab of the YouTube upload interface. A red box highlights the 'Title' and 'Description' fields. The title is 'Science Fair Project by Them Doe - 2021' and the description is 'This is an example video... - Them Doe'. Below these fields is a 'Thumbnail' section with an 'Upload thumbnail' button. Further down is a 'Playlists' section with a 'Select' dropdown. At the bottom, there is an 'Audience' section with a 'NEXT' button highlighted by a red box.

Science Fair Project by Them Doe - 2021

Details

Title (required)
Science Fair Project by Them Doe - 2021

Description (optional)
This is an example video... - Them Doe

Video link
<https://youtu.be/eWNtzZsFQW8>

Filename
Science Fair... Getting Started.mp4

Thumbnail

Select or upload a picture that shows what's in your video. A good thumbnail stands out and draws viewers' attention. [Learn more](#)

Upload thumbnail

Playlists

Add your video to one or more playlists. Playlists can help viewers discover your content faster. [Learn more](#)

Playlists
Select

Audience

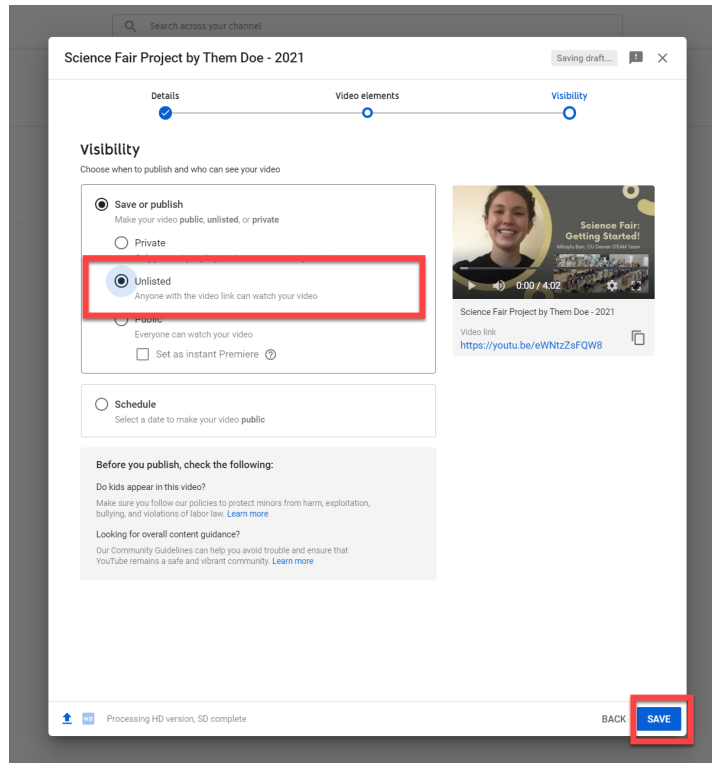
Is this video made for kids? (required)

Regardless of your location, you're legally required to comply with the Children's Online Privacy Protection Act (COPPA) and/or other laws. You're required to tell us whether your videos are made for kids. [What's content made for kids?](#)

Features like personalized ads and notifications won't be available on videos made for kids. Videos that are set as made for kids by you are more likely to be recommended alongside other kids' videos. [Learn more](#)

Processing HD version, SD complete

NEXT



The screenshot shows the 'Visibility' tab of the YouTube upload interface. A red box highlights the 'Unlisted' option under the 'Save or publish' section. The 'Save or publish' section has three options: 'Save or publish' (selected), 'Private', and 'Unlisted'. The 'Unlisted' option is described as 'Anyone with the video link can watch your video'. Below this is a 'Schedule' section with a 'Set as instant Premiere' option. At the bottom, there is a 'Before you publish, check the following:' section with links to 'Do kids appear in this video?' and 'Looking for overall content guidance?'. A 'SAVE' button is highlighted by a red box.

Science Fair Project by Them Doe - 2021

Visibility

Choose when to publish and who can see your video

Save or publish
Make your video public, unlisted, or private

Private
Only you can watch your video

Unlisted
Anyone with the video link can watch your video

Schedule
Select a date to make your video public

Before you publish, check the following:

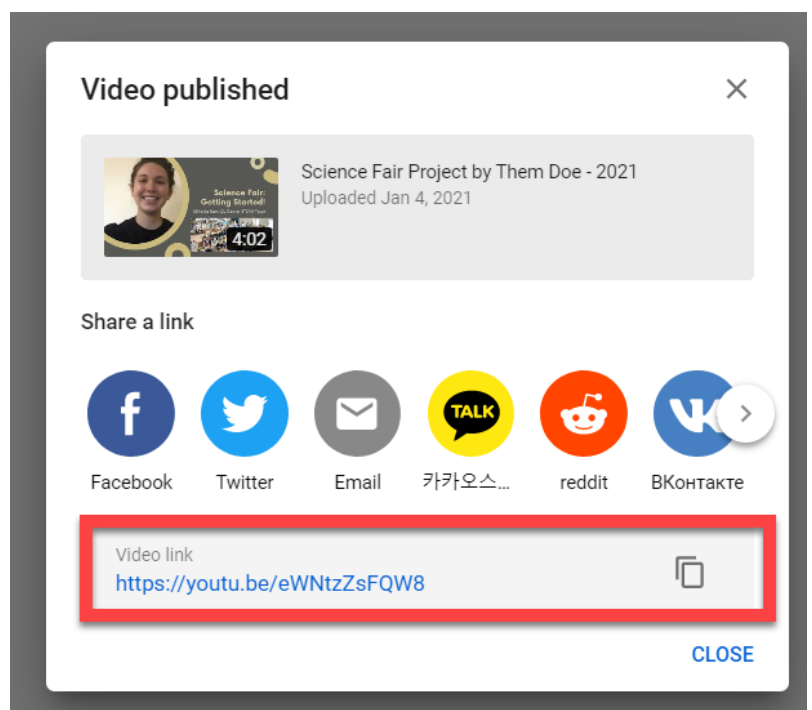
Do kids appear in this video?
Make sure you follow our policies to protect minors from harm, exploitation, bullying, and violations of labor law. [Learn more](#)

Looking for overall content guidance?
Our Community Guidelines can help you avoid trouble and ensure that YouTube remains a safe and vibrant community. [Learn more](#)

Processing HD version, SD complete

SAVE

THE LINK PROVIDED IS THE CUSTOM URL FOR YOUR VIDEO.



The screenshot shows the 'Video published' confirmation screen. It displays the video title 'Science Fair Project by Them Doe - 2021' and the upload date 'Uploaded Jan 4, 2021'. Below this is a 'Share a link' section with icons for Facebook, Twitter, Email, 카카오톡 (KakaoTalk), reddit, and ВКонтакте. A red box highlights the 'Video link' field, which contains the URL 'https://youtu.be/eWNtzZsFQW8'. A 'CLOSE' button is at the bottom right.

Video published

Science Fair Project by Them Doe - 2021
Uploaded Jan 4, 2021

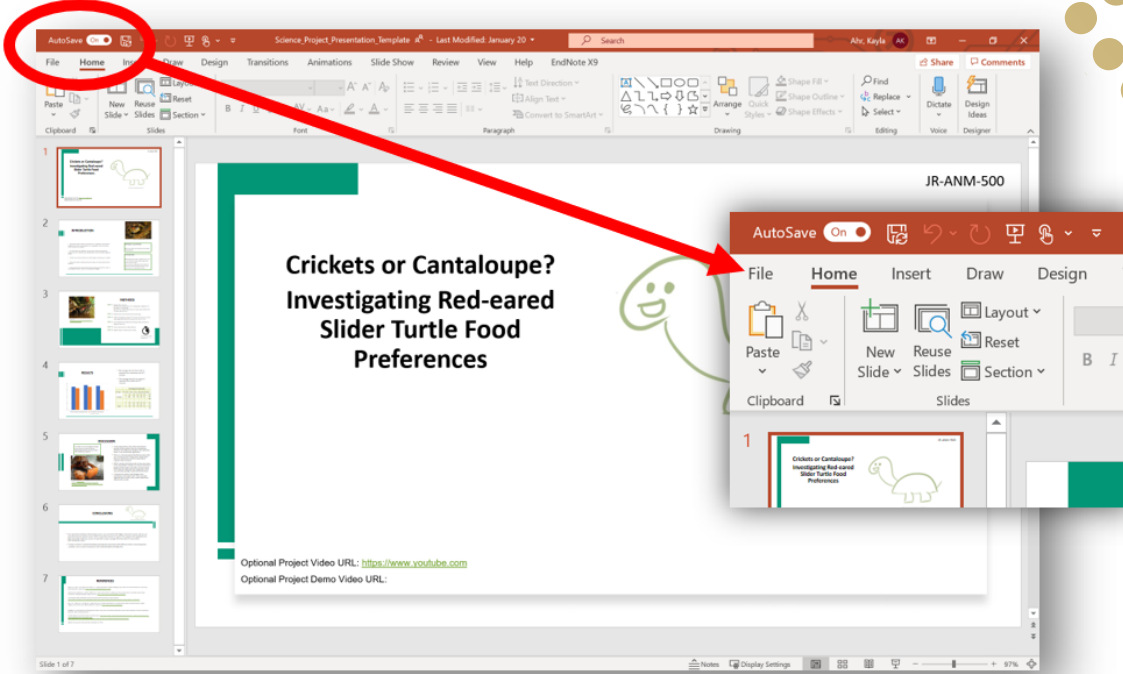
Share a link

Facebook Twitter Email 카카오톡... reddit ВКонтакте

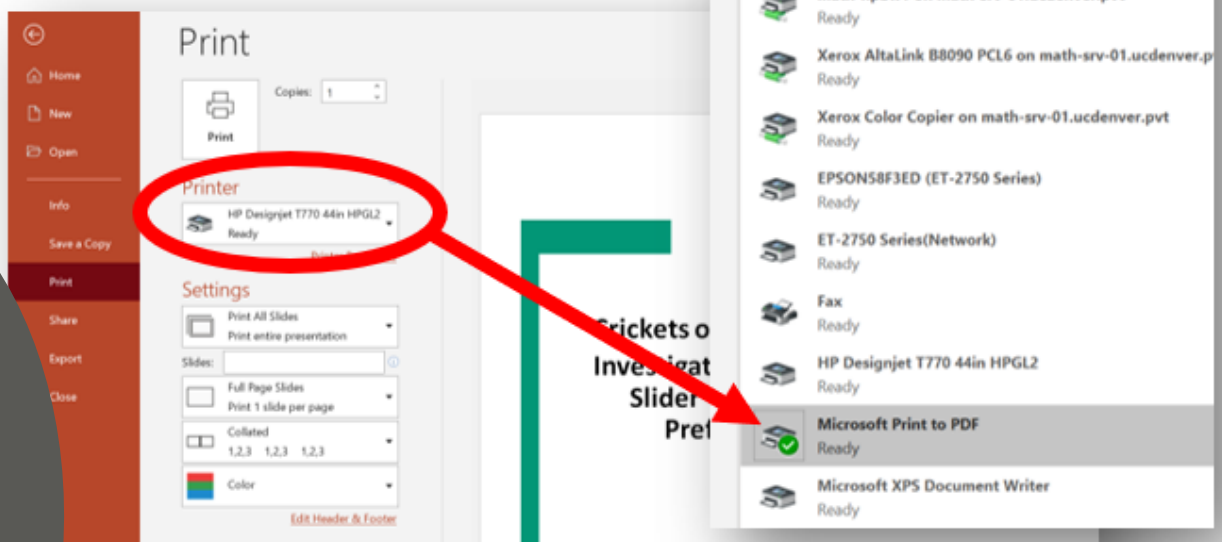
Video link
<https://youtu.be/eWNtzZsFQW8>

CLOSE

SAVING YOUR POWERPOINT AS A PDF DOCUMENT

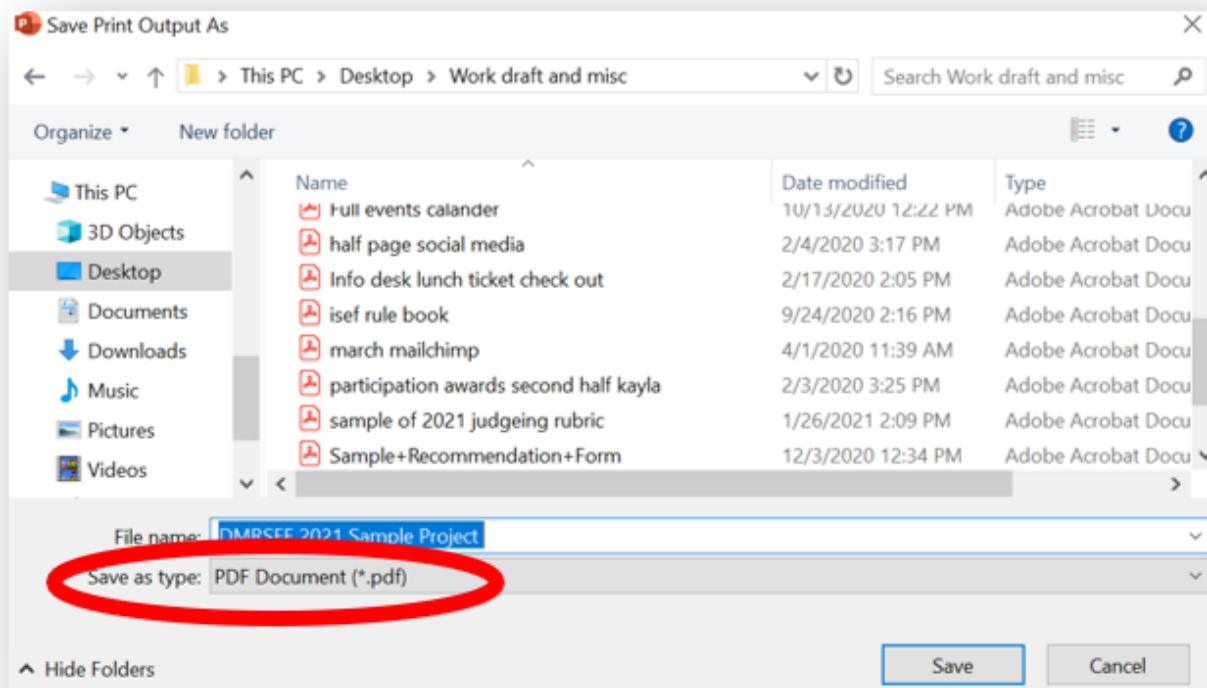
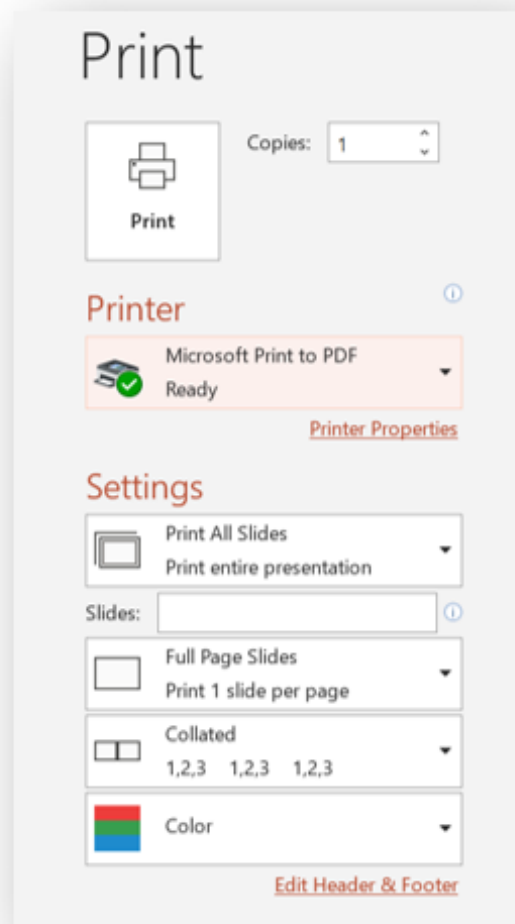


LOCATE "FILE" IN THE UPPER LEFT-HAND CORNER OF YOUR POWERPOINT (OR GOOGLE SLIDES) DOCUMENT



SELECT PRINT, AND CHANGE THE SELECTED PRINTER TO "PRINT TO PDF"

**ADJUST SETTINGS TO PRINT
THE CORRECT SLIDES, IN
ORDER. THEN HIT "PRINT".**



**BE SURE TO TITLE AND SAVE YOUR PROJECT.
DOUBLE CHECK TO BE SURE "SAVE TYPE AS"
INDICATES YOUR FILE IS IN PDF FORM**