2022 DENVER METRO REGIONAL SCIENCE AND ENGINEERING FAIR

VIRTUAL PROJECT MATERIALS GUIDE

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

Questions?
Denversciencefair@ucdenver.edu
clas.ucdenver.edu/denversciencefair

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

NEED IDEAS? CHECK OUT LAST YEAR'S VIRTUAL PRESENTATIONS HERE!

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 visit the 2021 DMRSEF Virtual Project Showcase for inspiration!
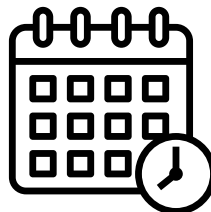
DMRSEF Staff will be hosting a Presentation Preparation call on 1/19/2022 over Zoom, you can register HERE to join!

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).

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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 1/26/2022 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 video materials must also be uploaded to YouTube in order to share.

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 <u>none</u> 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 <u>are</u> 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.
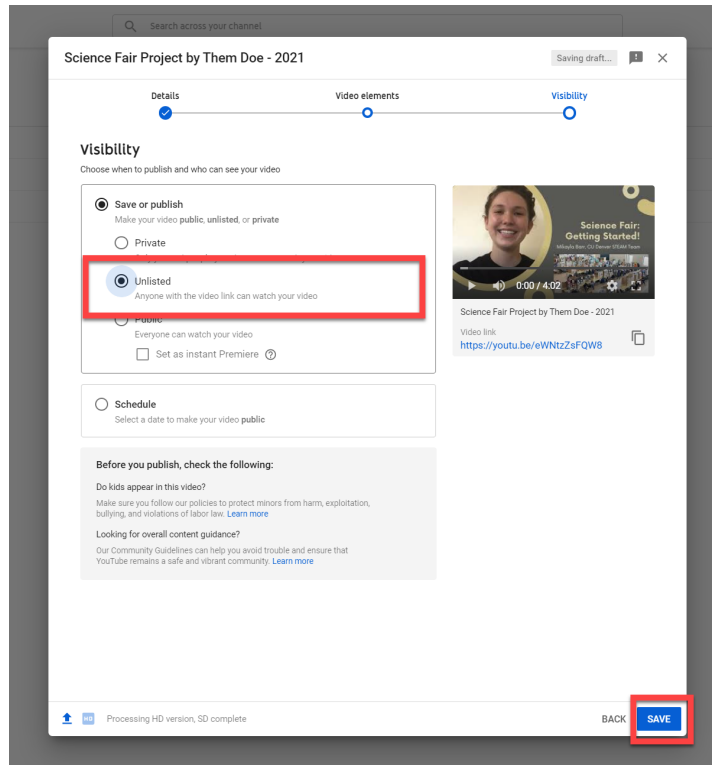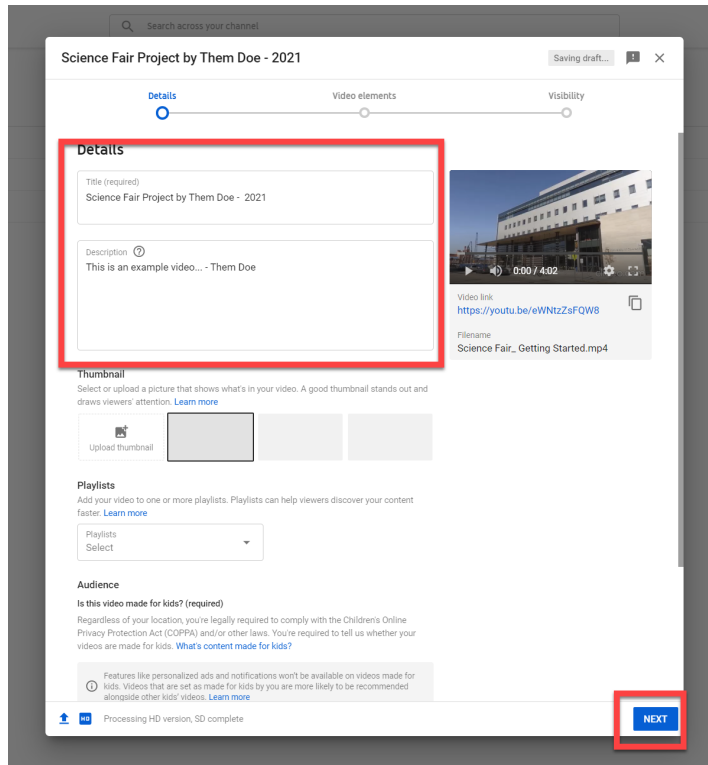
UPLOADING AN UNLISTED VIDEO ON YOUTUBE

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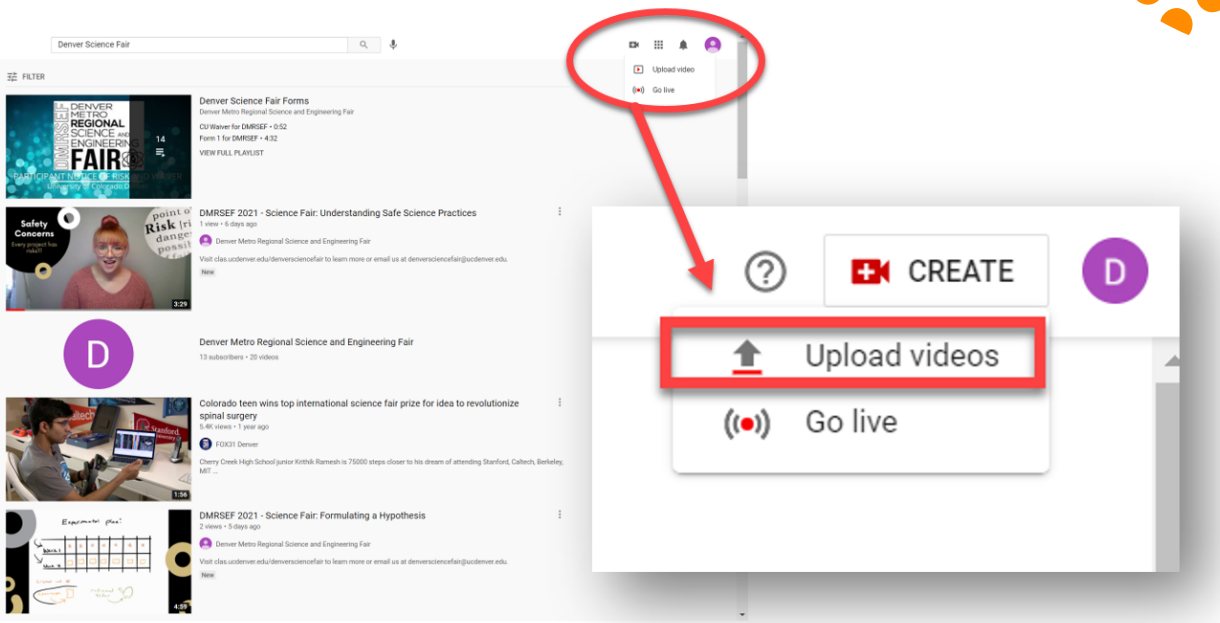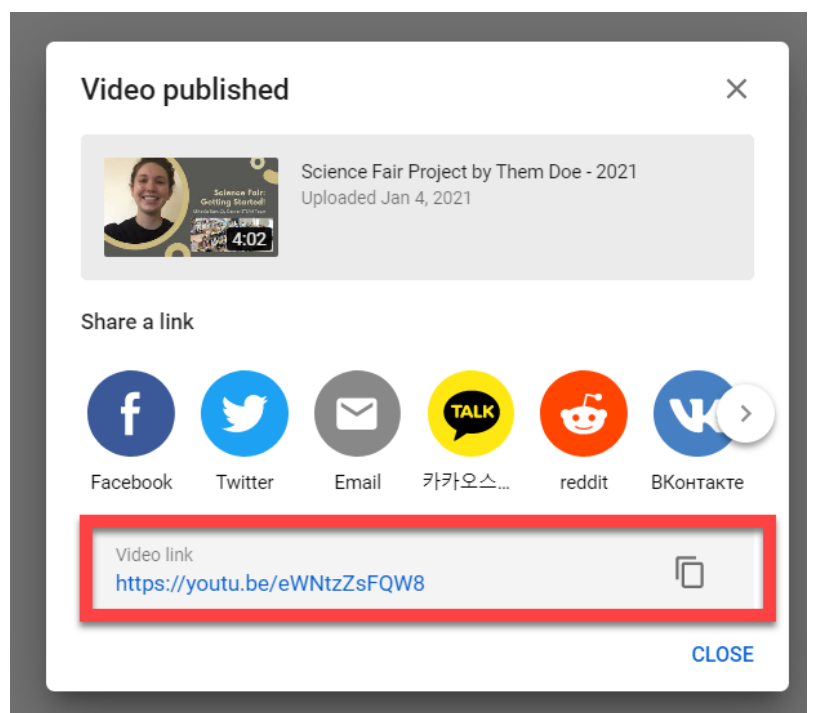

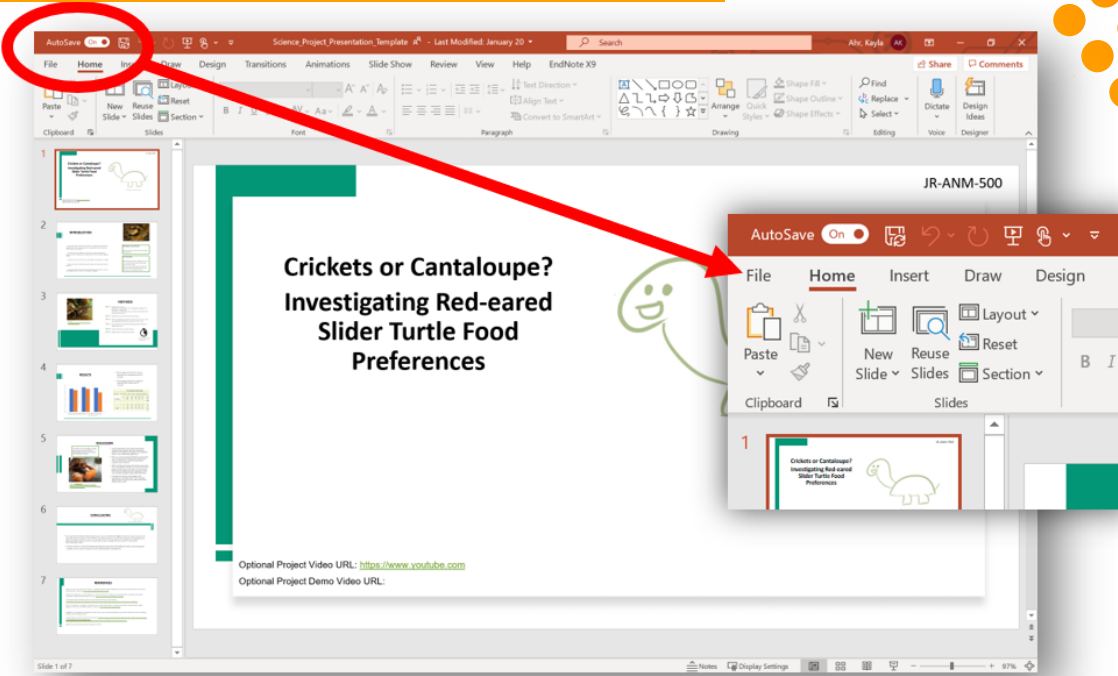## SELECT "UPLOAD VIDEOS" AND SELECT THE FILE YOU WISH TO SUBMIT:
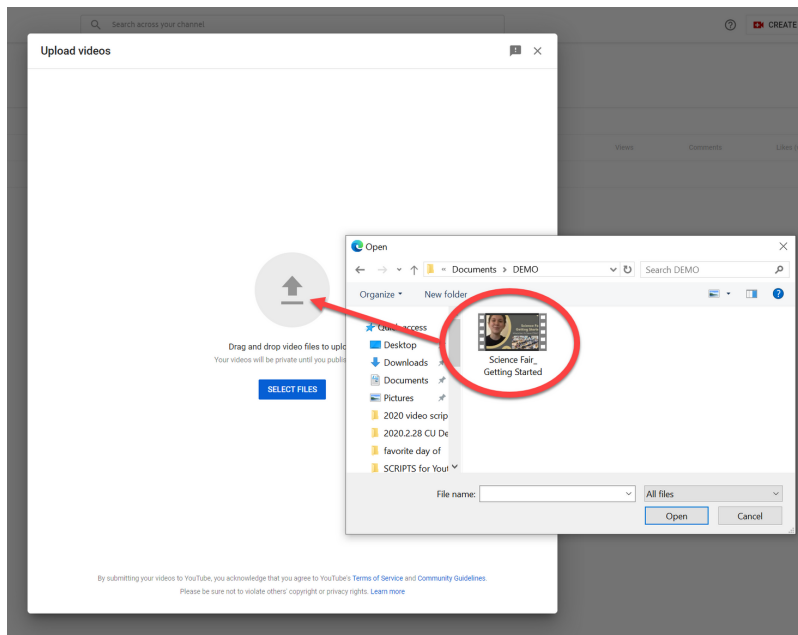
TITLE YOUR VIDEO AND FILL IN APPROPRIATE DESCRIPTIONS AND OPTIONS. UNDER "VISIBILITY", SELECT "UNLISTED" AND SAVE YOUR UPLOAD.
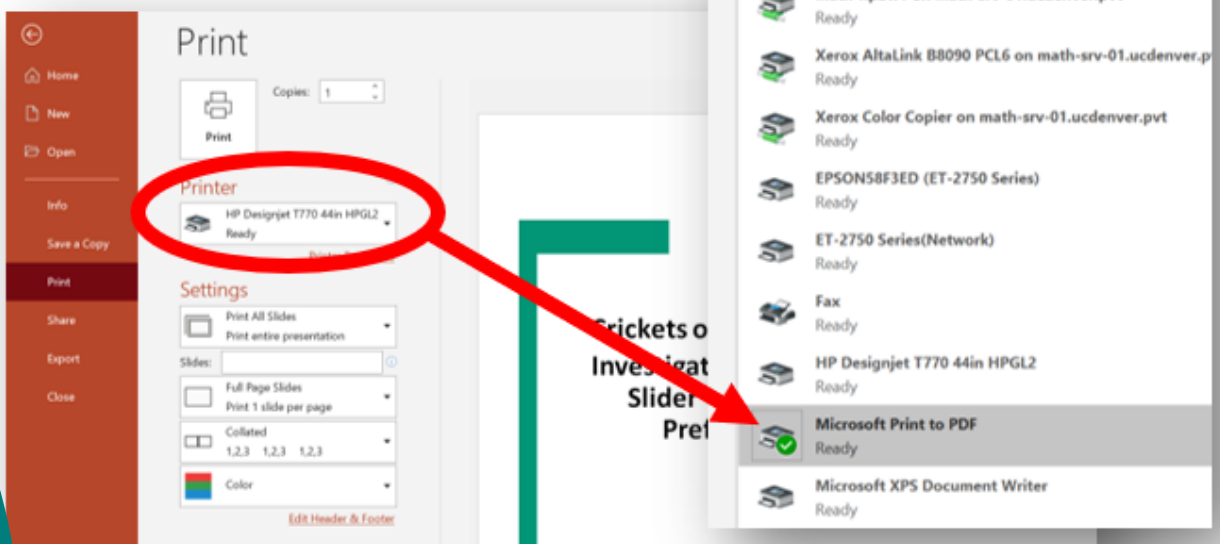

THE LINK PROVIDED IS THE CUSTOM URL FOR YOUR VIDEO.

SAVING YOUR POWERPOINT AS A PDF DOCUMENT

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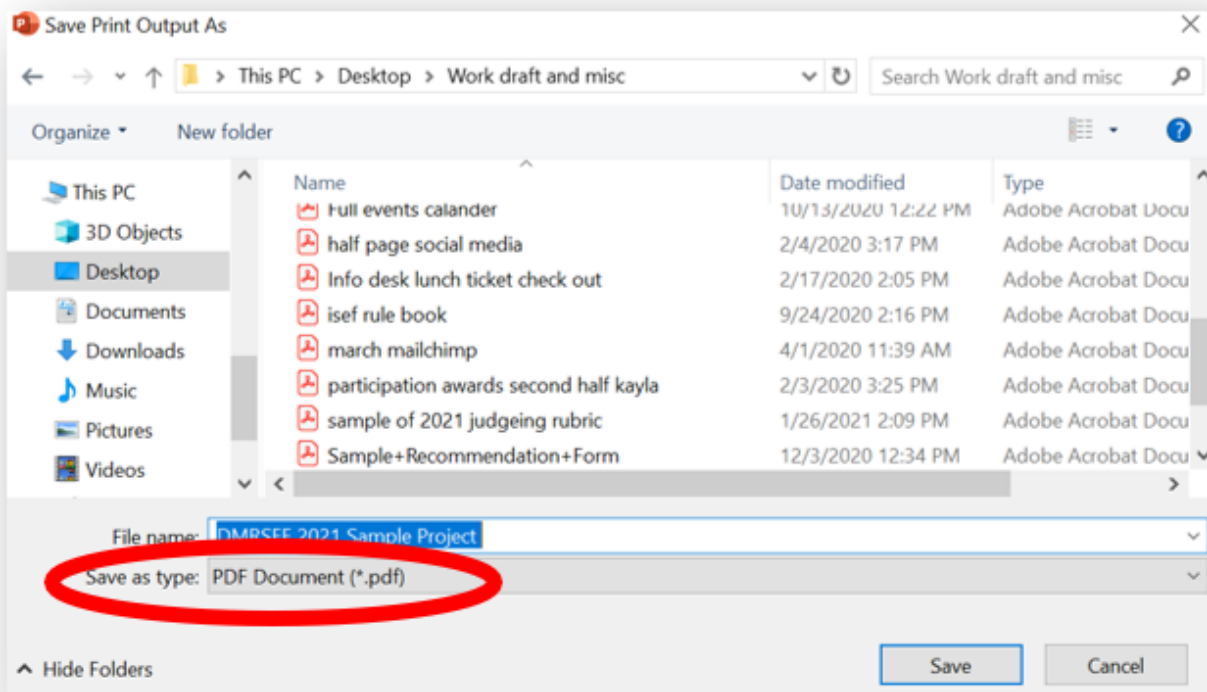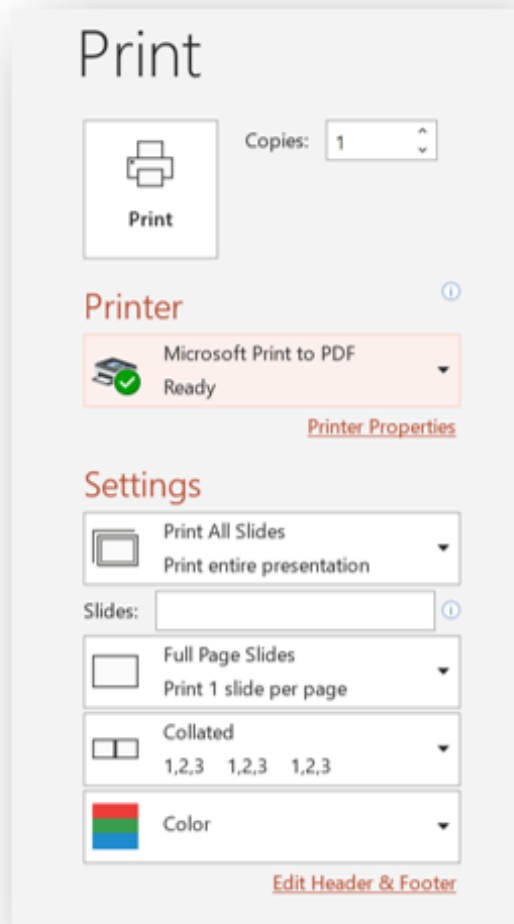

SELECT PRINT, AND CHANGE THE SELECTED PRINTER TO "PRINT TO PDF"

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