



Educational Appetizer V: YouTube your Session or Prework. Video Clips from PPT

Micro-Faculty Development brought to you by Elisabeth Schlegel

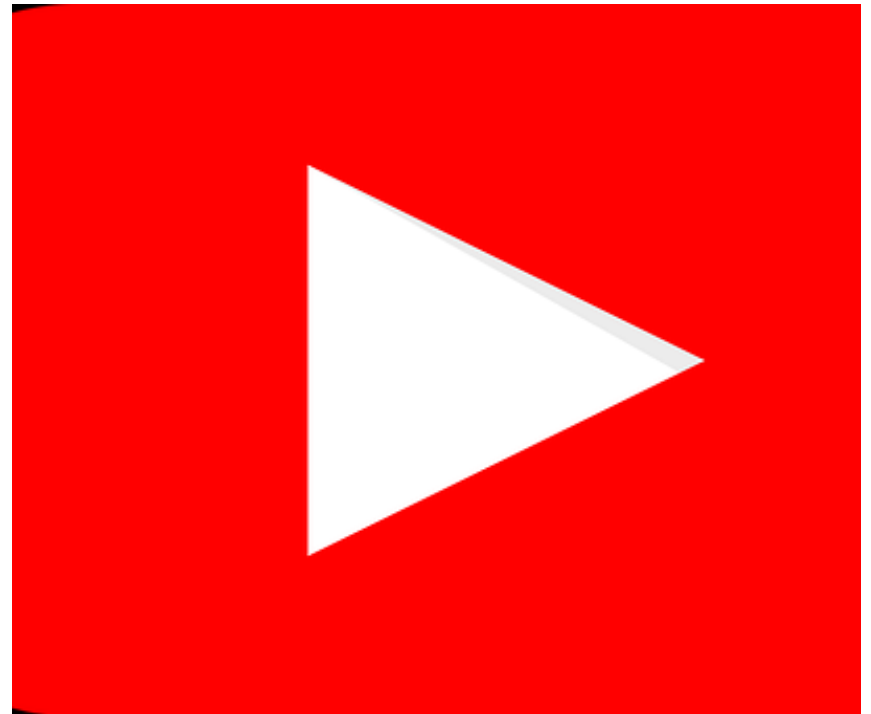


DONALD AND BARBARA
ZUCKER SCHOOL *of* MEDICINE
AT HOFSTRA/NORTHWELL

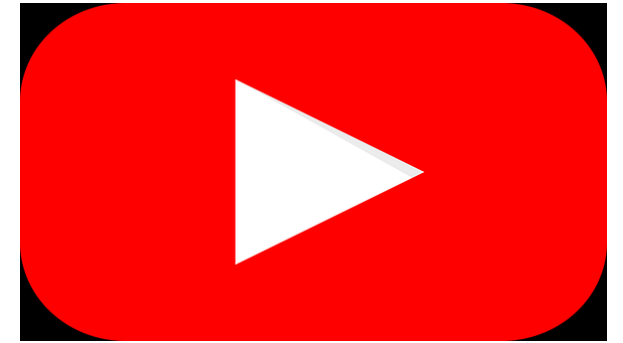


Target Group

Everyone who uses PPT or other files that can be converted into movie formats (e.g., mp4)



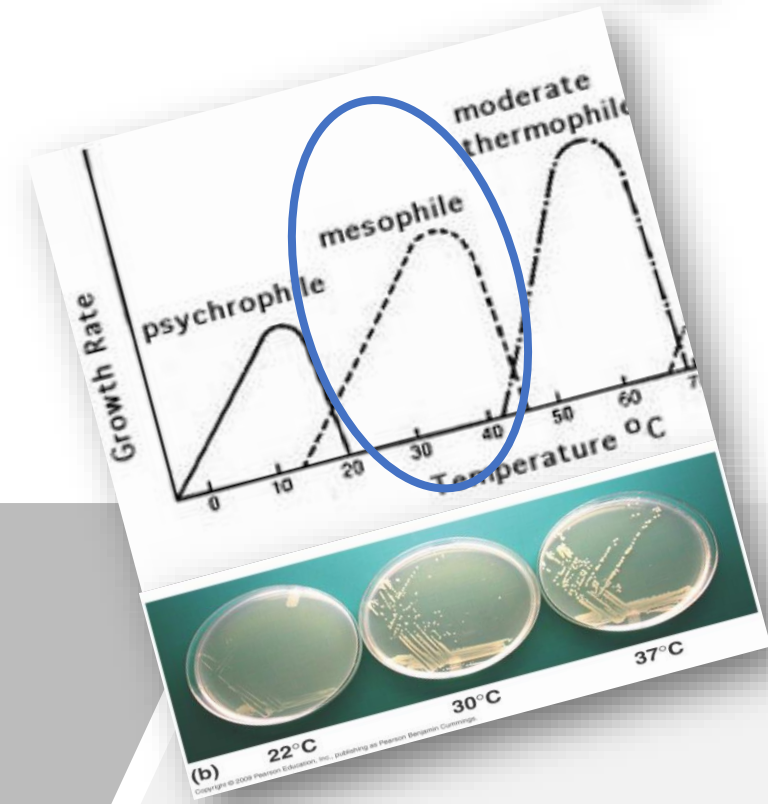
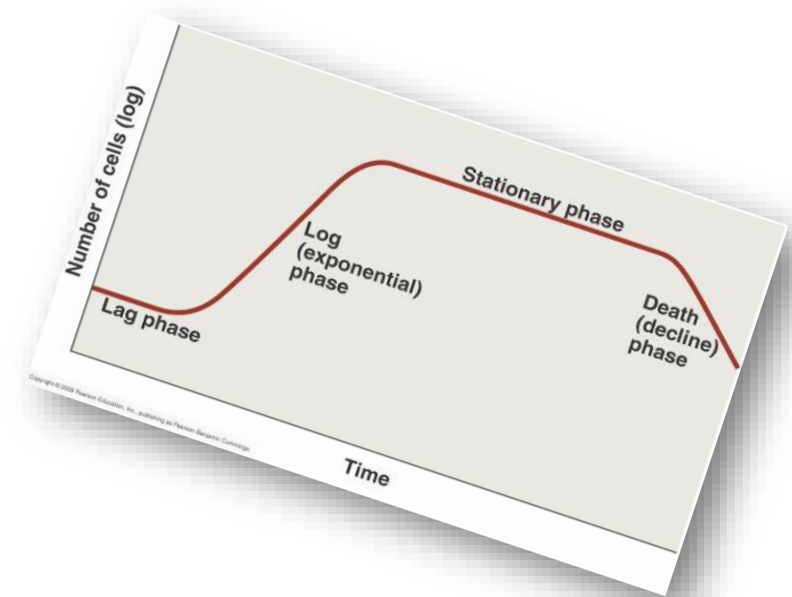
- Just think about it:
“Please review this ppt before coming to class”
- Students are more likely to watch prework if it is a movie clip or an animation
- Animations breath passion into your story
- Movies induce a sense of urgency
- They are easy to do
- They prime your learner for activities!



Topic:

Upgrade your Prework & your PPT Session

- E.g. Learning Objectives:
Microbial growth and replication, kinetics, and colony counts using dilution plating.
- Nutrients necessary, esp. iron.
- Ideal/necessary growth and nutritional conditions: temperature, pH, metabolic oxygen requirements....
- Look into Class text for Activity!



Animate a Salient Point or a Learning Objective

1

Choose a slide
with a salient
point

2

Record voice
over

3

Save as mp4
format = movie

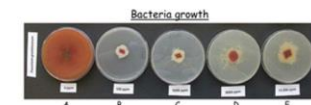
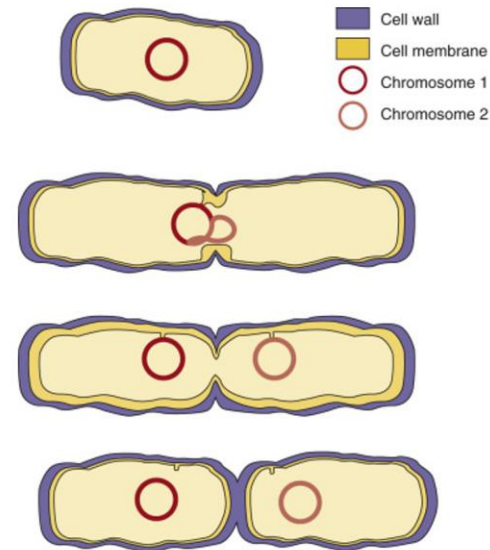
4

Go to your
YouTube Channel
in Google

5

Upload your
movie

Flow Chart: How to Do it



1. Why is it difficult to analyse these results?

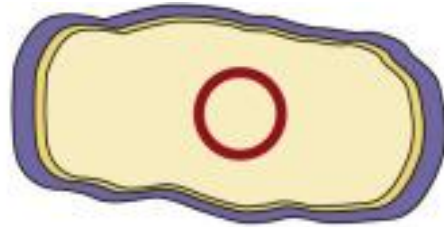
2. Which petri dish shows the most bacteria growth?





3. Measure the bacteria growth using a ruler. Fill in the table below.

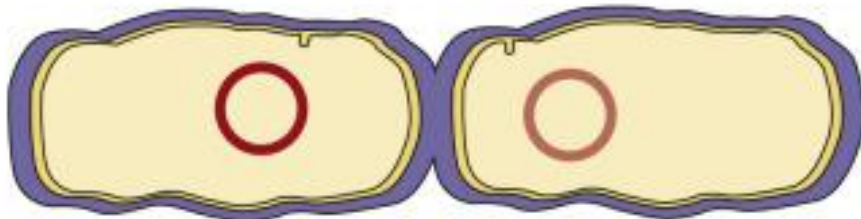
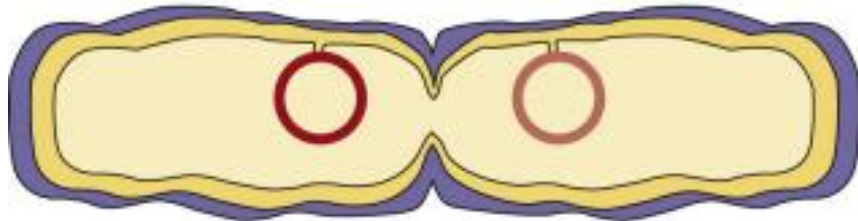
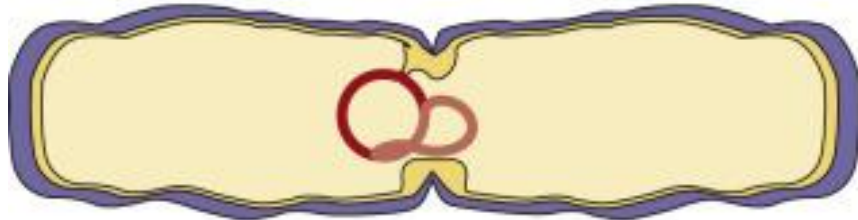
| Petri dish | Size of petri dish (cm) | Size of bacteria growth (cm) | % of bacteria growth |
|------------|-------------------------|------------------------------|----------------------|
| A | | | |
| B | | | |
| C | | | |
| D | | | |
| E | | | |

4. Why might these results be more difficult to analyse?

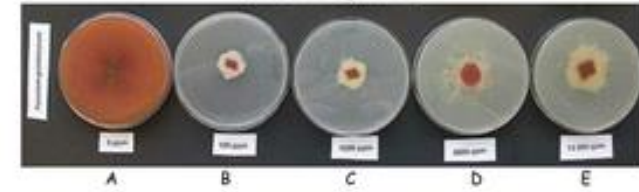




-  Cell wall
-  Cell membrane
-  Chromosome 1
-  Chromosome 2



Bacteria growth



1. Why is it difficult to analyse these results?

2. Which petri dish shows the most bacteria growth?

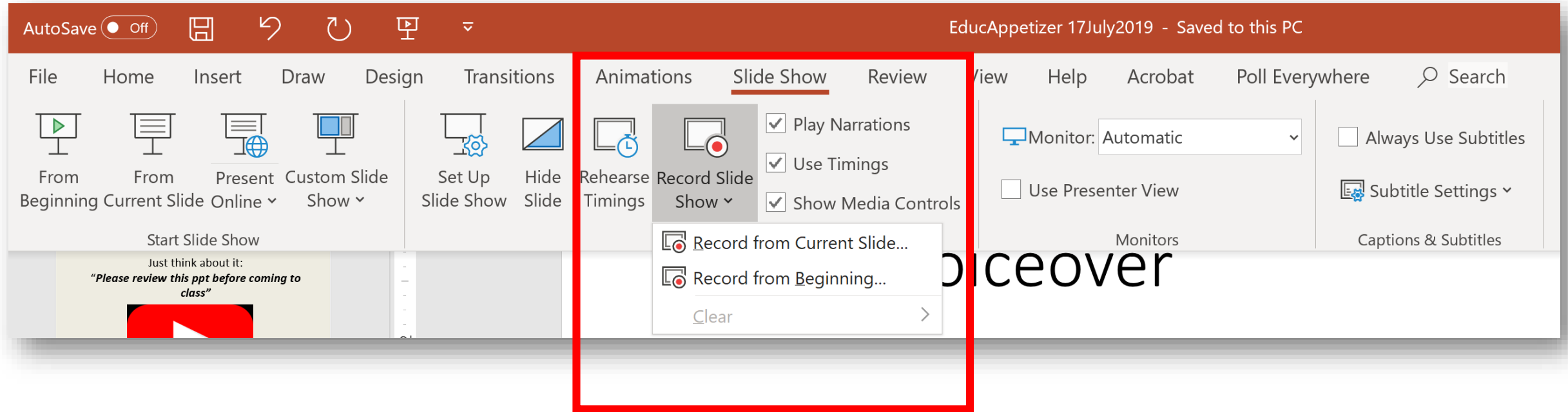
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| D | | | |
| E | | | |

4. Why might these results be more difficult to analyse?



In the Top Menu, Go to “Record Slide Show”



Record Voiceover

Start Recording your Narrative Slide by Slide

The screenshot shows a digital presentation software interface. At the top, there is a toolbar with icons for RECORD (a red circle), STOP (a grey square), and REPLAY (a grey triangle). To the right of these are icons for NOTES (a list), CLEAR (an X), and SETTINGS (a gear). Below the toolbar, the main slide area is visible. The slide is divided into two columns by a vertical line. The left column contains four diagrams of a bacterial cell in different stages of binary fission. The right column contains a section titled 'Bacteria growth' with five petri dishes labeled A, B, C, D, and E, each showing different levels of bacterial growth. Below the petri dishes are four questions for the user to answer. At the bottom of the slide, there is a status bar showing 'Slide 5 of 8' and a timer '0:00 / 0:00'. To the right of the status bar is a color palette with various colored squares. On the far right, there are icons for a microphone, a video camera, and a person icon. A large white question mark is overlaid in the center of the slide.

RECORD STOP REPLAY

NOTES CLEAR SETTINGS

Cell wall
Cell membrane
Chromosome 1
Chromosome 2

Bacteria growth

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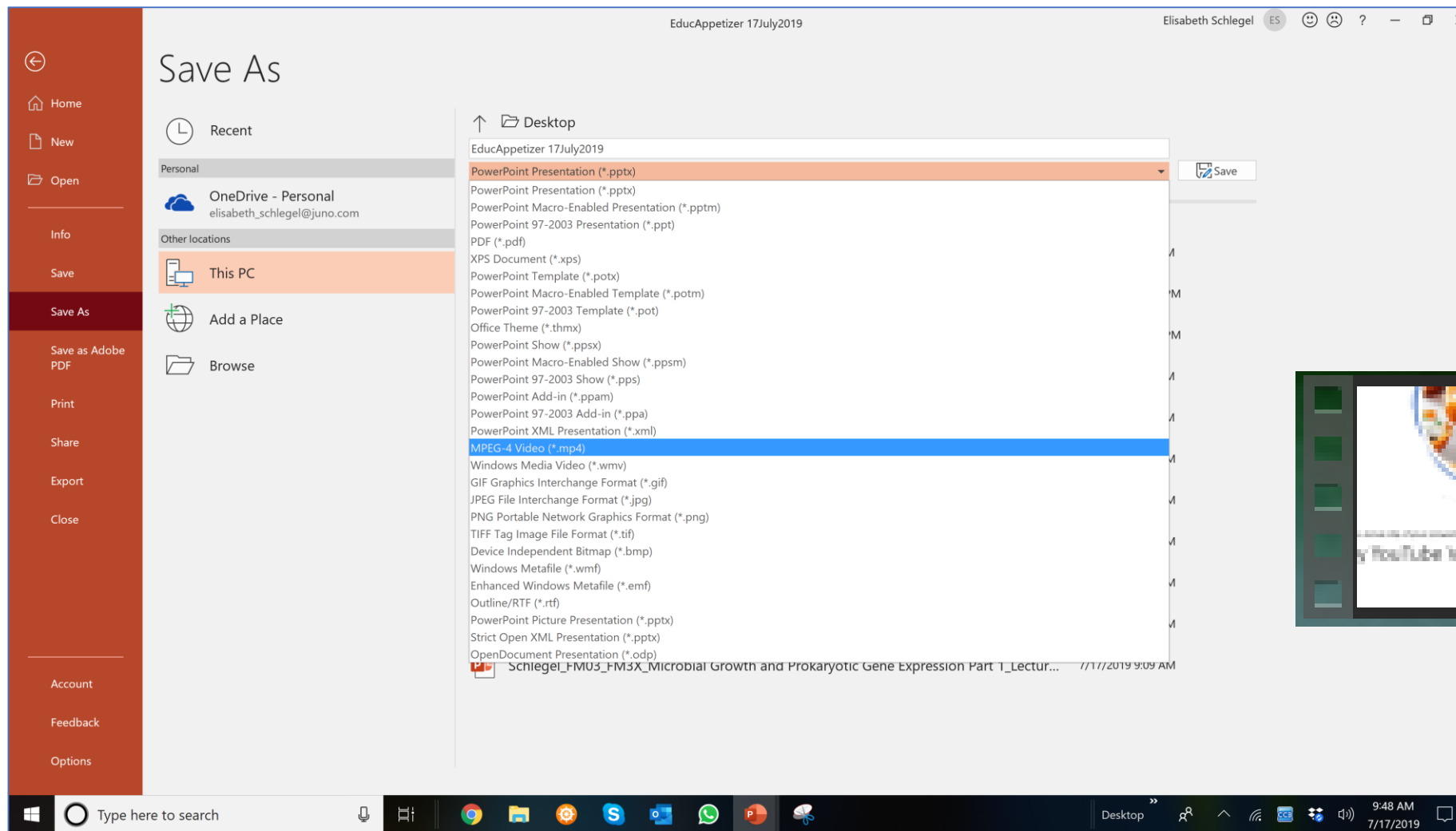
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| E | | | |

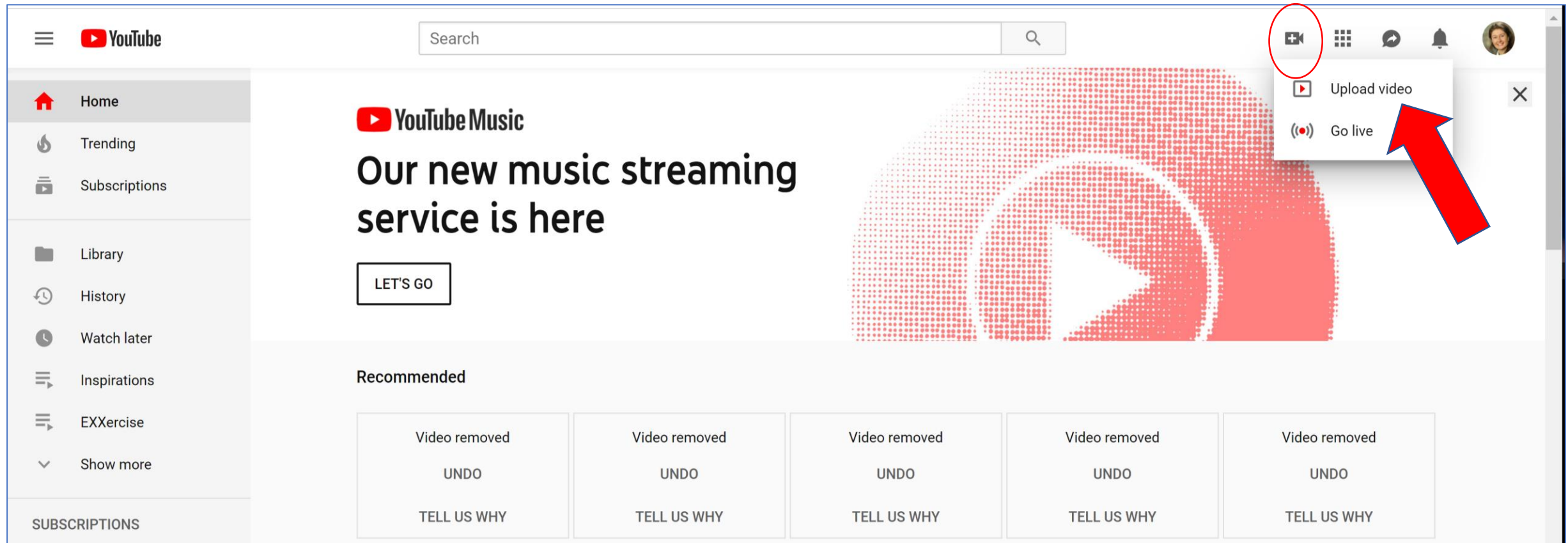
4. Why might these results be more difficult to analyse?

Slide 5 of 8
0:00 / 0:00



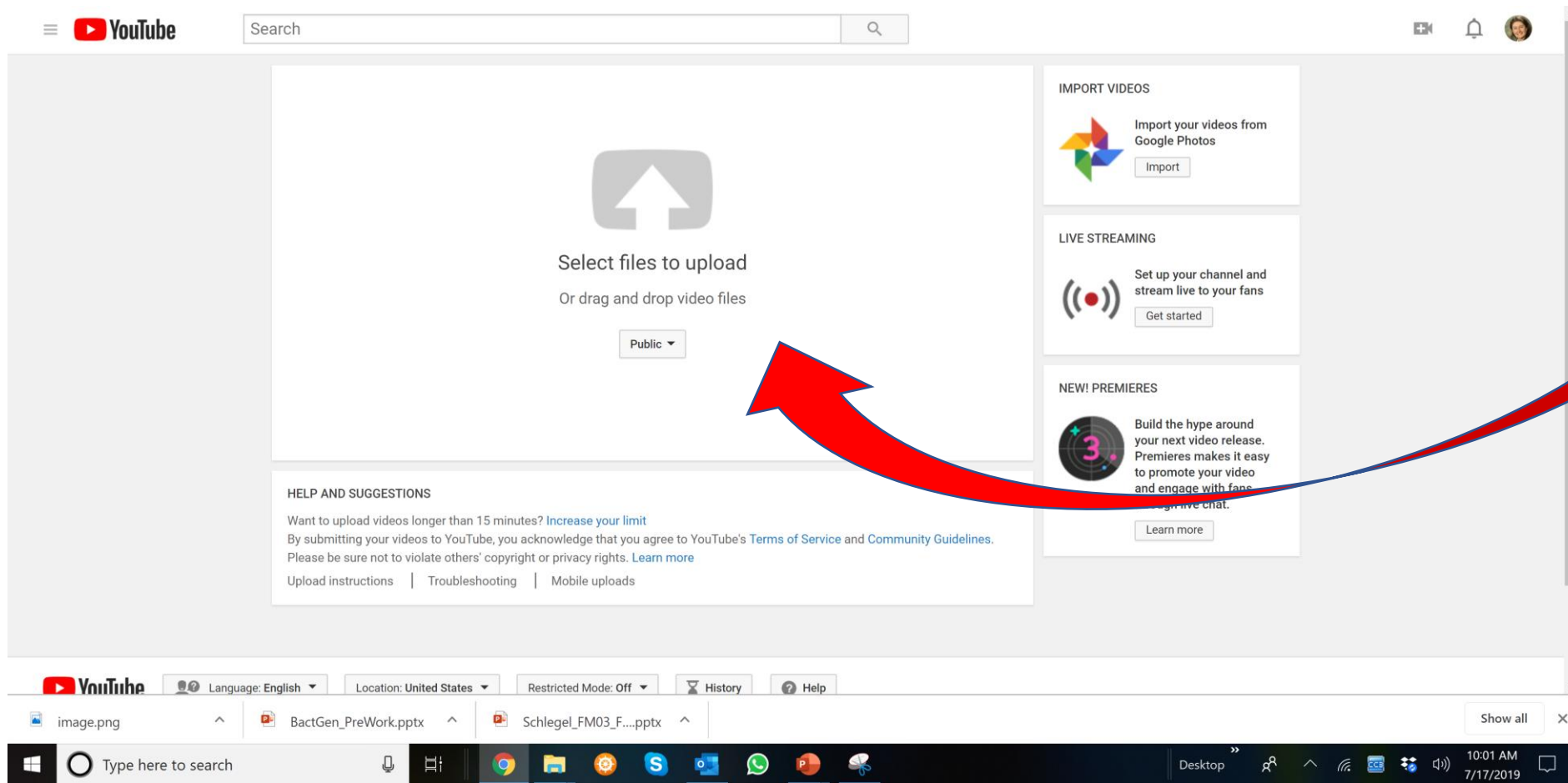


Make a Movie File:
Save in MP4 Format



Upload to YouTube in your Channel

....and just Drag it there.



After Upload you will receive a Link.



Play your movie in a Browser.
Now you are very cool.



