Exponential Thrills
AMATYC November 15-18
Presented by:
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- Asheville-Buncombe Technical Community College
Objectives:

• Participants will experience a variety of labs
• Participants will be able to adapt Labs for different courses
• Participants will share resources
A math teacher offers to assign one second of homework the first week of school, two seconds the second week, four seconds the third, and so on.

If the amount of homework doubles every week, is this something you would agree to for the duration of the 36-week school year?

I'm a little worried about answering this one wrong.

Is that Mr. Thompson? He's evil.
Videos Linked to Labs:

- **Futurama Clip:**

- **Ebola Clip:**
  Direct Link [https://www.youtube.com/watch?v=HQD8TWPSDyA](https://www.youtube.com/watch?v=HQD8TWPSDyA)

- **Zombies:**
  Direction Link [https://mattbierbaum.github.io/zombies-usa/](https://mattbierbaum.github.io/zombies-usa/)
Application Labs:

• Bacteria Lab

• Sage Lab
Calculus Labs:

- Sierpinski Lab
- Fractal Lab
Activity

• Find the Fractal Basics Lab
• Collect your needed Supplies
• Create your cards
• Start the Lab
Other Ideas:

- Contact us:
  - Cindy Moore: cindymmoore@abtech.edu
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