Math5700 Project 2

Project 2 is due on Monday, November 14th, in class. You need to present your lesson that day in class. You will turn in
   (1) Your typed lesson notes, and
   (2) Copies of three text references for your notes, include what text books the references come from. (I specifically want you to use text books, not online sources for this.)

Each student will choose two of the 14 bullet-point topics listed here to present in class. You will all need to work together to ensure the topics flow smoothly. You'll have 5 minutes per bullet point to present your lesson.

Note: The first name listed next to each topic is the person doing the presentation on that topic. The second name on that topic is turning in a lesson for that topic, but not presenting it in class.

Exponential Functions
   ● Introduce exponential function—Amy, Chris
   ● Rules for exponential function—Will, Staci
   ● Graphs of exponential functions—Corey, Courtney

Composite and Inverse Functions
   ● Definitions—Larry, Kyle
   ● Horizontal Line Test—Michele, Anna
   ● Geometric interpretation of inverse functions—Erik, Will
   ● How to find inverse function algebraically—Katie, Amy

Logarithmic Functions
   ● Definition—Staci, Erik
   ● Properties of Logs—Chris, Angela
   ● Change of Base—Kyle, Michele

Solving Equations
   ● How to solve logarithmic equations—Anna, Corey
   ● How to solve exponential equations—Courtney, Larry

Applications of Exponential Functions
   ● Compound interest—Angela, Katie
   ● Radioactive Decay