

GQ: How do we model sequences?

CCSS: HSF.IF.C8.A Understanding rate of change

7.2 Friday 26 March

Do Now: Study the COVID-19 Expert Forecast for the U.S.

- ▶ When will the number of hospitalizations peak, in their opinion?
- ▶ How much worse than the flu will this be in terms of annual deaths?
- ▶ Give a short written answer by private Zoom chat

Kognity textbook feedback

Lesson:

Analyzing the pandemic as frequencies, probabilities, & sequences

Breakouts: infections, ER seasonality, hospitalizations, deaths

Project: Pandemic analysis, due 10:00pm Tuesday

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Project: Pandemic analysis

- ▶ Organize as an exploration: intro, body, conclusion, reflection, engagement
- ▶ “The aim of this exploration is to understand COVID-19 in NYC as a exponential or geometric process”
- ▶ Select one metric: infections, hospitalizations, or deaths
- ▶ Use a table(s) and/or chart(s) (pie, bar) as background
- ▶ Fit an exponential function / geometric sequence to the NYC COVID-Tracking data