

# Wake County Public School System Board Meeting

*Uniting science and schools for a data-driven solution to decision  
making and implementation*

*January 19, 2021*



**THE ABC SCIENCE**  
COLLABORATIVE

Learning | Informed Decision-Making | Research

*The information presented here is the most up-to-date, data-driven and evidence-based science to help school districts make important decisions regarding face-to-face instruction. Duke University and its partners will not make decisions nor will they advise specific action.*

# A few reminders

- ABC and interactions with districts
- ABC data, and data from other studies
- Data one part of the remote/face-to-face instruction decision
- Emerging science

# Coronavirus variants

- Several recently described
  - B.1.1.7 (UK); 1.351 (South Africa; aka 501Y.V2); P.1 (Brazil)
- Transmission: unknown for certain, but thought to be higher
  - Predominant strain in several countries
- Virulence: unknown but hoped to be no different
- Vaccine efficacy: unknown but potentially no change
  - Antibodies, proteins, other components of immune system
  - Early study on 20 patients
- These variants and school decisions on remote vs face to face
  - Differences between schools in USA (and specifically WCPSS) vs Western Europe
- Why we get variants and impacts on above in the future