Covid in the 'Tertia

The Distancers
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The Challenge 2020
June 22nd, 2020
Our Focus - Cafeteria

- Daily occurrence for most students
- Social period
  - Student performance dependent on social interaction
- Necessary source of food for some students

Students socializing here

Typical school cafeteria here
THE PROBLEM

- Typically congested setting
- Constant face-to-face interaction between students and kitchen staff
- Contaminated food provides a means of transferring virus
A SOLUTION

3 Main Parts:

- Scheduling
- Order-to-Pickup
- Structure/Line Flow
SCHEDULING

- Divided lunch periods
- Reduce congestion, increase staff efficiency
- Grouped according to students’ third periods
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- Teachers 1-15
- Teachers 16-30
- Teachers 31-45
ORDER-TO-PICKUP

- Reduce hand-to-hand transactions/serving
- Maximize serving time
- Online software
  - Low cost
  - Universal

Place Order

Linked to school account

Pick and choose from offered food items

Easy-to-use barcode system for pickup

Preplan orders for specific days

Simple and efficient logging and tracking system
**STRUCTURE/LINE FLOW**

- Limited entrances and exits
  - Restricted traffic flow decreases odds of contraction
- Physical barriers protect verbal/oral transmission
  - The high impact of plexiglass shields
- Design is limited to individual school cafeteria

Created by Connor Brown
Inspired by Deer Valley High School
FINAL CONSIDERATIONS

- Low monetary cost, time is necessary
- Utilize current space, nothing extra
- Nearly universal with some restrictions
- Easy to enforce/regulate
REFERENCES / CITATIONS


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